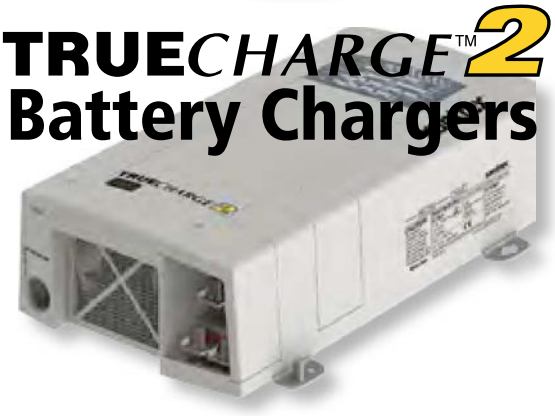
xantrex™ Smart choice for power™

# CRANK UP-TO 120A GLOBALLY!

## TRUECHARGE™2 Battery Chargers



The new generation TRUECharge2 models, both 12V and 24V are now equipped with parallel stacking feature. This enables two chargers* to work together to combine the output, achieving up to 120A and 60A for large 12V and 24V battery banks respectively. The new models accept 90-265 Vac, 47-63 Hz for global operation and are housed in an efficient, compact design.

*Must be either 12V or 24V; does not apply to 12V/10A model. 12V (80A, 100A, 120A) & 24V (40A, 50A, 60A) achieved through stacking.

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EXPLORE MORE. It's comforting to know that our inlets, cordsets, adapters and accessories will keep you connected to reliable shore power, whether you're in South Beach or South Africa. That's because there is no other company that provides as many solutions to keep you connected as the Global Marine Group of Actuant Electrical.

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# 360 PANEL SYSTEM

The 360 Panel System uses modular architecture to mount a broad selection of panel modules, allowing multiple functions to be combined in a single panel. This design can accommodate future changes and permits rapid assembly and shipping time. With options ranging from battery management to source selection, the 360 Panel System offers unmatched flexibility. For more 360 panel options, contact our Sales Department.

BLUE SEA SYSTEMS

## 360 DC PUSH BUTTON BREAKER PANELS

- Includes 4205 square format label set
- 15A circuit breakers installed
- All circuit positions are backlit

**BSS1450** 4.875"W x 4.75"H, 8 breakers

**BSS1452** 4.875"W x 7.75"H, 16 breakers

BLUE SEA SYSTEMS

## 360 DC SWITCH BREAKER PANELS

- 10 amp push button circuit breakers installed
- Rocker switches to control circuits

**BSS1455** 4.875"W x 4.75"H, 4 switches & breakers

**BSS1457** 4.875"W x 7.75"H, 8 switches & breakers

BLUE SEA SYSTEMS

## 360 DC M-SERIES DUAL CIRCUIT PLUS + MAIN 3 POSITION CLB VERTICAL

- Incorporates M-Series Dual Circuit Plus battery switch
- Includes 4218 square format label set
- 3 breakers

**BSS1409** 4.875"W x 7.75"H

BLUE SEA SYSTEMS

## 360 12 VOLT DC PANEL

- Includes 4205 square format label set
- Flat rocker circuit breakers
- All circuit label positions are backlit
- "ON" indicating LEDs in all circuit positions

**BSS1216** 4.875"W x 4.75"H, 4 breakers
**BSS1200** 4.875"W x 7.75"H, 8 breakers
**BSS1225** 9.25"W x 4.75"H, 8 breakers
**BSS1224** 9.25"W x 7.75"H, 8 breakers
**BSS1223** 4.875"W x 10.75"H, 12 breakers
**BSS1217** 9.25"W x 7.75"H, 12 breakers
**BSS1222** 9.25"W x 7.75"H, 16 breakers
**BSS1201** 13.625"W x 7.75"H, 16 breakers

BLUE SEA SYSTEMS

## 360 120 VOLT AC SOURCE SELECTOR

- Switch 2 sources
- 50A main CB capacity
- 2 x 30A double pole circuit breakers installed

**BSS1208** 4.875"W x 4.75"H

BLUE SEA SYSTEMS

## 360 120 VOLT AC MAIN

- Flat rocker circuit breakers
- All circuit label positions are backlit
- "ON" indicating LEDs in all circuit positions
- Includes 4206 square format label set
- 30A double pole circuit breaker installed

**BSS1214** 4.875"W x 4.75", 2 breakers

**BSS1202** 4.875"W x 7.75"H, 6 breakers

BLUE SEA SYSTEMS

## 360 120 VOLT AC 4 POSITION

- Four 15 amp circuit breakers installed
- All circuit label positions are backlit
- "ON" indicating LEDs installed in all positions

**BSS1210** 4.875"W x 4.75"H

BLUE SEA SYSTEMS

## DC DIGITAL VOLTMETER

- Includes full-size 2-3/4" 8235 DC Digital Voltmeter
- 3 position switch for multiple battery banks

**BSS1474** 4.875"W x 4.75"H

BLUE SEA SYSTEMS

## 360 12 VOLT DC MAIN PANELS

- 100A Main C-Series Flat Rocker Circuit Breaker (7549)
- 15A Branch A-Series Flat Rocker Circuit Breakers (7403)
- DC Digital Multimeter (8248)
- Square Format 30 DC Label Set (4205)

**BSS1221** Main + 19 position, 13.63"W x 7.75"H x 4"D
**BSS1226** Main + 31 position, 13.63"W x 10.75"H x 4"D

## ▼DC CIRCUIT BREAKER PANELS

BLUE SEA SYSTEMS

### 3 POSITION DC CIRCUIT BREAKER PANEL

3 Total circuit breaker positions, 3 15A toggle circuit breakers installed. Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12/24 Volts DC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 3-3/4" high x 5-1/4" wide

**BSS8025**

BLUE SEA SYSTEMS

### 8 POSITION DC CIRCUIT BREAKER PANEL

8 Total circuit breaker positions, 5 15A toggle breakers installed. Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12/24 Volts DC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 7-1/2" high x 5-1/4" wide

**BSS8023**

BLUE SEA SYSTEMS

### 5 POSITION DC CIRCUIT BREAKER PANELS

5 Total circuit breaker positions, 5 15A toggle breakers installed.
3 position switch for multiple battery banks
Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12/24 Volts DC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 7-1/2" high x 5-1/4" wide

**BSS8081** Analog 8-16V Voltmeter &0-50A Ammeter with shunt

**BSS8401** Digital multimeter displays amperes to 500A, voltage to 60V. with high and low voltage alarms

BLUE SEA SYSTEMS

### 8 POSITION DC CIRCUIT BREAKER PANEL

8 Total circuit breaker positions, 6 x 15A toggle circuit breakers installed. Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions.

**Voltage:** 12-24 VDC
**Amperage:** Panel main Bus 100A
**Dimensions:** 10.5"W x 1.5"H

**BSS8385**

BLUE SEA SYSTEMS

### 6 POSITION DC HORIZONTAL CIRCUIT BREAKER PANEL

6 total circuit breaker positions, 6 x 15A toggle breakers installed.
Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12 Volts/24Volts DC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 3-3/4" high x 10-1/2" wide

**BSS8096**

BLUE SEA SYSTEMS

### 10 POSITION DC CIRCUIT BREAKER PANELS

10 Total circuit breaker positions, 7 x 15A toggle circuit breakers installed. 3 position switch for multiple battery banks
Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12/24 Volts DC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 11-1/4" high x 5-1/4" wide

**BSS8082** With analog 8-16V Voltmeter and 0-50A Ammeter with remote shunt

**BSS8402** With digital multimeter displays amperes to 500A, voltage to 60V. with high and low voltage alarms

## ▼DC CIRCUIT BREAKER PANELS

BLUE SEA SYSTEMS

### 12 POSITION DC CIRCUIT BREAKER PANEL

12 Total circuit breaker positions, 10 15A toggle circuit breakers installed. Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions.

**Voltage:** 12-24VDC
**Amperage:** Panel main Bus 100A
**Dimensions:** 14.75"W x 4.5"H

**BSS8375**

BLUE SEA SYSTEMS

### 20 POSITION DC + MAIN CIRCUIT BREAKER PANEL

20 Total circuit breaker positions, 14 15A toggle circuit breakers & 1 100 amp C-Series main installed. Fully pre-wired & backlit. Includes 30 common DC labels. Digital multimeter displays amperes to 500A, voltage to 60V with high and low voltage alarms.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12 -24VDC
**Amperage:** Panel main Bus 100A
**Dimensions:** 14.75"W X 7.5"H

**BSS8379**

BLUE SEA SYSTEMS

### 13 POSITION DC CIRCUIT BREAKER PANEL

13 Total circuit breaker positions,
10 15A toggle circuit breakers installed.
Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12-24 VDC
**Amperage:** Panel main Bus 100A
**Dimensions:** 5.25"W x 11.25"H

**BSS8376**

BLUE SEA SYSTEMS

### 24 POSITION DC CIRCUIT BREAKER PANEL

24 total circuit breaker positions, 15 toggle breakers installed.
Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12 V/24V DC
**Amperage:** Panel main Bus 100A
**Dimensions:** 7-1/2" H x 15-3/4" W

**BSS8264**

BLUE SEA SYSTEMS

### 13 POSITION DC CIRCUIT BREAKER PANELS

13 Total circuit breaker positions, 10 15A toggle breakers installed.
Voltmeter with 3 position switch for multiple battery banks
Fully pre-wired & backlit. Includes 30 common DC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12 Volts DC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 7-1/2" high x 10-1/2" wide

**BSS8068** Analog 8-16V Voltmeter and 0-50A Ammeter with shunt

**BSS8403** Digital multimeter displays amperes to 500A, voltage to 60V. with high and low voltage alarms

BLUE SEA SYSTEMS

### 35 POSITION DC + MAIN CIRCUIT BREAKER PANEL

35 Total circuit breaker positions, 26 15A toggle circuit breakers & 1 100 amp C-Series main installed. Fully pre-wired & backlit. Includes 30 common DC labels. Digital multimeter displays amperes to 500A, voltage to 60V with high and low voltage alarms.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 12-24 VDC
**Amperage:** Panel main Bus 100A
**Dimensions:** 14.75" W x 11.25"H

**BSS8382**

## ▼DC CIRCUIT BREAKER/SWITCH PANELS

BEP

### DC CIRCUIT BREAKER PANELS

- Marine Grade powder coated aluminium
- Airpax circuit breakers
- Stylish Contour Design facia
- Green LED backlit labels, label set supplied
- Red LED indicates systems on
- Panels meet ABYC standards

| | Pos. | Breakers | Size (HxWxD) |
|---|---|---|---|
| **BEP900** | 4 | 1x5A, 2x10A, 1x15A | 115x127x65mm |
| **BEP901V** | 8 | 2x5A, 2x10A, 3x15A, 1x20A | 115x127x65mm |
| **BEP901H** | 8 | 2x5A, 2x10A, 3x15A, 1x20A | 115x127x65mm |

BLUE SEA SYSTEMS

### CONTURA WATERPROOF DC CIRCUIT BREAKER PANELS

Designed for flybridge and open cockpit applications.

- Panel front is rated IP66—Protected against powerful water jets
- Ignition protected—safe for powered boats
- ON-OFF Contura Switches
- ON indicating LEDs embedded in switch
- Watertight mounting gasket
- Push Button Reset-Only circuit breakers with waterproof boots

Includes set of 60 common DC labels.
NOTE: Waterproof panel labels are not backlit

**Voltage:** 12 or 24 Volts DC
**Switch Rating:** 20A @ 12V (15A @ 24v DC)
**Breaker Rating:** 15A

| | Colour | Pos. | Dimensions | Orientation |
|---|---|---|---|---|
| **BSS8274** | White | 3 | 3-3/4"W x 4-1/2"H | Vertical |
| **BSS8374** | Black | 3 | 3-3/4"W x 4-1/2"H | Vertical |
| **BSS8272** | White | 4 | 4-1/4"W x 5-1/4"H | Horizontal |
| **BSS8372** | Black | 4 | 4-1/4"W x 5-1/4"H | Horizontal |
| **BSS8273** | White | 6 | 4-1/2"W x 7-1/2"H | Vertical |
| **BSS8373** | Black | 6 | 4-1/2"W x 7-1/2"H | Vertical |
| **BSS8271** | White | 8 | 4-1/4"W x 9-3/8"H | Horizontal |
| **BSS8371** | Black | 8 | 4-1/4"W x 9-3/8"H | Horizontal |

BLUE SEA SYSTEMS

### WEATHERDECK™ WATER RESISTANT DC CIRCUIT BREAKER PANELS

Designed for flybridge and open cockpit applications and constructed from corrosion/UV resistant materials.

- Independent label backlighting circuit for remote switching and dimming
- Rated IP67 - "Temporary Immersion"
- Each panel can be mounted in four different orientations
- Integrated switch guards prevent accidental switching
- Includes 4215 - 30 Square Format Labels

Voltage: 12 or 24 Volts DC
Breaker Rating: 15A per circuit @12VDC (9A @ 24VDC)

| | Pos. | Colour | Dimensions |
|---|---|---|---|
| **BSS4374** | 4 | Grey | 4.5"W x 4.3"H |
| **BSS4376** | 6 | Grey | 4.5"W x 6"H |
| **BSS4378** | 8 | Grey | 4.5"W x 7.75"H |
| **BSS4384** | 4 | White | 4.5"W x 4.3"H |
| **BSS4386** | 6 | White | 4.5"W x 6"H |

BLUE SEA SYSTEMS

### C-SERIES HIGH-LOAD DC TOGGLE CIRCUIT BREAKER PANELS

150 to 300 Ampere range provides overcurrent protection previously only available in fuses for Bow Thrusters, Inverters, Windlasses. Combines switching and circuit protection into a single device.

- "Trip Free" - cannot be held closed after trip
- Heavy 1/8" aluminum 5052 alloy
- Two-part polyurethane slate gray finish
- "ON" indicating LEDs installed

**Dimensions:** 5-1/4" H x 3-3/4" W

| | |
|---|---|
| **BSS7262** | 150A DC C-Series 2 pole |
| **BSS7263** | 175A DC C-Series 2 pole |
| **BSS7264** | 200A DC C-Series 2 pole |
| **BSS7265** | 250A DC C-Series 3 pole |
| **BSS7266** | 300A DC C-Series 3 pole |

## ▼DC CIRCUIT BREAKER/SWITCH PANELS

SEADOGLINE

### 6-GANG DC CIRCUIT BREAKER PANEL

Fire resistant injection molded nylon.
Illuminating switches. Supplied with 2-3A, 2-6A, 1-8A and 1-10A thermal AC/DC circuit breakers. Additional sizes available.
6-1/2" x 4-1/2"

**424800**

SEADOGLINE

### 6-GANG DC ALUMINIUM CIRCUIT BREAKER PANEL

Illuminating switches. Supplied with 2-3A, 2-6A, 1-8A and 1-10A thermal AC/DC circuit breakers. Additional sizes available.
6-1/2" x 4-1/2"

**422800**

## ▼DC FUSED SWITCH PANELS

BLUE SEA SYSTEMS

### WEATHERDECK™ WATER RESISTANT FUSE PANELS

Designed for flybridge and open cockpit applications and constructed from corrosion/UV resistant materials.

- Integrated ATO/ATC fuse based circuit protection
- Independent label backlighting circuit for remote switching and dimming
- Rated IP67 - "Temporary Immersion"
- Each panel can be mounted in four different orientations
- Integrated switch guards prevent accidental switching
- Includes 4215 - 30 Square Format Labels

**Voltage:** 12 Volts DC
**Fuse Rating:** 15A max per circuit

| | Pos. | Colour | Dimensions |
|---|---|---|---|
| **BSS4302** | 2 | Grey | 3-7/8"W x 2-5/8"H |
| **BSS4304** | 4 | Grey | 3-7/8"W x 4-5/16"H |
| **BSS4306** | 6 | Grey | 3-7/8"W x 6"H |
| **BSS4308** | 8 | Grey | 3-7/8"W x 7-11/16"H |
| **BSS4312** | 2 | White | 3-7/8"W x 2-5/8"H |
| **BSS4314** | 4 | White | 3-7/8"W x 4-5/16""H |
| **BSS4316** | 6 | White | 3-7/8"W x 6"H |
| **BSS4318** | 8 | White | 3-7/8"W x 7-11/16""H |

BLUE SEA SYSTEMS

### CONTURA SWITCH WATERPROOF FUSE PANELS

Designed for flybridge and open cockpit applications.
Will withstand the water exposures normally encountered in above deck applications: salt spray, rain, hose washdowns, momentary immersions

- ON-OFF Contura Switches
- ON indicating LEDs embedded in switches
- Watertight mounting gasket included
- Countersunk mounting holes throughout
- Heavy 1/8"aluminum material
- Includes set of common DC labels

NOTE: Waterproof panel labels are not backlit

**Voltage:** 12 or 24 Volts DC
**Switch Rating:** 20A @ 12V (15A @ 24v DC)
**Fuse holder Rating:** 20A max per circuit

| | Colour | Pos. | Dimensions | Orientation |
|---|---|---|---|---|
| **BSS8053** | Grey | 6 | 7-1/2"H x 5-1/4"W | Vertical |
| **BSS8054** | Grey | 3 | 3-3/4"H x 5-1/4"W | Vertical |
| **BSS8261** | Grey | 8 | 3-3/4"H x 9-3/8"W | Horizontal |
| **BSS8262** | Grey | 4 | 3-3/4"H x 5-1/4"W | Horizontal |

SEADOGLINE

### SPLASH GARDE VERTICAL FUSE PANELS

Ideal where panel front is subject to light spray and water. Not designed for total immersion.
Mounting gasket included.
Panel rating: 12 volts, 37 amps total.
Individual circuit: 10 amps maximum.
Preprinted labels and fuses are included.

**424116** 6 circuits, 6-1/2"H x 4-1/2"W
**424016** 4 circuits, 4-13/16"H x 4-1/2"W

BEP

### SPRAY PROOF FUSE PANEL

- Switches protected by neoprene rubber boots
- Green LED Back-lit labels
- Red LED's for systems on
- Waterproof to IP56 rating
- Removable cover plate over switches conceals screws & water drain
- Switch current rating 20Amps DC
- Supplied standard with label set

6.25"H x 4.4"W x 2.5"D

**BEPCSP6-F**

## ▼DC FUSED SWITCH PANELS

SEADOGLINE

### ALUMINIUM FUSED SWITCH PANEL

With illuminating small rocker switches. Panel rating 35 amps, individual circuit 7 amps.

| | Description | Dimensions | Orientation |
|---|---|---|---|
| **422010** | 4 Circuit panel | 4-7/8"H x 4-1/2"W | Vertical |
| **422110** | 6 Circuit panel | 6-1/2"H x 4-1/2"W | Vertical |
| **422210** | 6 Circuit panel | 2-1/2"H x 3-1/4"W | Horizontal |
| **422310** | 3 Circuit w/ Batt. test meter & Cig. lighter | 6-1/2"H x 4-1/2"W | Vertical |
| **422510** | 3 Circuit w/ Batt. test meter & horn button | 6-1/2"H x 4-1/2"W | Vertical |

SEADOGLINE

### NYLON FUSED SWITCH PANEL

- Fire resistant injection molded black nylon with illuminating switches
- Panel rating 37 amps total
- Individual circuit 10 amps maximum
- Label assortment included

| | Description | Dimensions | Orientation |
|---|---|---|---|
| **424010** | 4 Circuit panel | 4-7/8"H x 4-1/2"W | Vertical |
| **424110** | 6 Circuit panel | 6-1/2"H x 4-1/2"W | Vertical |
| **424210** | 6 Circuit panel | 2-1/2"H x 3-1/4"W | Horizontal |
| **424310** | 3 Circuit w/ Batt. test meter & Cig. lighter | 6-1/2"H x 4-1/2"W | Vertical |
| **424510** | 3 Circuit w/ Batt. test meter & horn button | 6-1/2"H x 4-1/2"W | Vertical |

SEADOGLINE

### ALUMINIUM FUSED ROCKER SWITCH PANELS

Rocker Switch Panel includes Illuminating Rocker Switches
rated at 25A 12VDC or rated at 15A 24VDC.

| | Description | Dimensions | Orientation |
|---|---|---|---|
| **425160** | 6 Circuit panel (1 switch is DPDT) | 7-1/2"H x 5-1/4"W | Vertical |
| **425144** | 4 Circuit panel w/power socket & horn button | 7-1/2"H x 5-1/4"W | Vertical |
| **425146** | 4 Circuit panel w/2 x power sockets | 7-1/2"H x 5-1/4"W | Vertical |

## ▼AC/DC CIRCUIT BREAKER PANELS

BLUE SEA SYSTEMS

### AC/DC 6AC / 15DC POSITION CIRCUIT BREAKER PANEL

15 Total DC circuit breaker positions, 9 x 15A DC toggle breakers + DC 100A main and 6 Total AC circuit breaker positions, 6 15A AC toggle breakers & DC main installed + 2-30A double pole AC main breakers installed with lockout slide. Fully pre-wired & backlit. Includes 30 common AC & DC labels. "ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED

**Installed meters:**
0-50A DC ammeter with remote sensing coil
0-150V AC voltmeter
8-16V DC voltmeter with 3 position switch for multiple battery banks

**Voltage:** 12 Volts DC / 120V AC
**Amperage:** Panel Main Bus 100AAC/100ADC
**Dimensions:** 10"H x 14-3/4"W

**BSS8084**

BLUE SEA SYSTEMS

### AC/DC 12AC / 7DC POSITION + MAINS CIRCUIT BREAKER PANEL

7 Total DC circuit breaker positions, 4 x 15A DC toggle breakers + DC 100A main and 12 Total AC circuit breaker positions, 9 15A AC toggle breakers & DC main installed + 2-30A double pole AC main breakers installed with lockout slide. Fully pre-wired & backlit. Includes 30 common AC & DC labels. "ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED

**Installed meters:**
0-50A AC ammeter with remote sensing coil
0-150V AC voltmeter
8-16V DC voltmeter with 3 position switch for multiple battery banks

**Voltage:** 12 Volts DC / 120V AC
**Amperage:** Panel Main Bus 100AAC/100ADC
**Dimensions:** 10"H x 14-3/4"W

**BSS8085**

## ▼AC/DC CIRCUIT BREAKER PANELS

BLUE SEA SYSTEMS

### AC/DC 12AC / 19DC POSITION CIRCUIT BREAKER PANEL

19 Total DC circuit breaker positions, 13 x 15A DC toggle breakers + DC 100A main and 12 Total AC circuit breaker positions, 6 x 15A AC toggle breakers & DC main installed + 2-30A double pole AC main breakers (3 sources) installed with lockout slide.
Fully pre-wired & backlit. Includes 30 common AC & DC labels. "ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED

**Installed meters:**
0-50A DC ammeter with remote sensing coil
0-50A AC ammeter with remote sensing coil
8-16V DC voltmeter with 3 position switch for multiple battery banks
0-150V AC voltmeter
**Dimensions:** 11-1/2"H x 19-1/2"W

**BSS8086**

## ▼AC CIRCUIT BREAKER PANELS

BLUE SEA SYSTEMS

### 3 POSITION AC CIRCUIT BREAKER PANEL

3 Total circuit breaker positions, 3 15A toggle breakers installed.
Fully pre-wired & backlit. Includes 30 common AC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 3-3/4"H x 5-1/4"W

**BSS8058**

BLUE SEA SYSTEMS

### 4 POSITION AC + MAIN HORIZONTAL CIRCUIT BREAKER PANEL

4 Total circuit breaker positions, 4 x 15A toggle breakers &
1 x 30A Double-pole AC main installed.
Fully pre-wired & backlit. Includes 30 common AC labels.
"ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED on AC main

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100 A
**Dimensions:** 3-3/4"H x 10-1/2"W

**BSS8099**

BLUE SEA SYSTEMS

### 3 POSITION AC + MAIN CIRCUIT BREAKER PANEL

3 Total circuit breaker positions, 3 x 15A toggle breakers &
1 x 30A Double-pole AC main installed. Fully pre-wired & backlit.
Includes 30 common AC labels.
"ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED on AC main

**Voltage:** 12 Volts AC
**Amperage:** Panel Main Bus 30A
**Dimensions:** 7-1/2"H x 5-1/4"W

**BSS8043** With 0-150V AC analog voltmeter
**BSS8405** With digital 0-150A / 80-270V multimeter w/ alarms

BLUE SEA SYSTEMS

### 6 POSITION AC HORIZONTAL CIRCUIT BREAKER PANEL

6 Total circuit breaker positions, 6 15A toggle breakers installed.
Fully pre-wired & backlit. Includes 30 common AC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100 A
**Dimensions:** 3-3/4" high x 10-1/2" wide

**BSS8097**

BLUE SEA SYSTEMS

### 6 POSITION AC + MAIN CIRCUIT BREAKER PANEL

6 Total circuit breaker positions, 3 x 15A toggle breakers & 1 x 30A Double-pole AC main installed. Fully pre-wired & backlit. Includes 30 common AC labels. "ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED on AC main

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 7-1/2"H x 5-1/4"W

**BSS8027**

## ▼AC CIRCUIT BREAKER PANELS

BLUE SEA SYSTEMS

### 6 POSITION AC + MAIN HORIZONTAL CIRCUIT BREAKER PANEL

6 Total circuit breaker positions, 4 x 15A toggle breakers &
1 30A Double-pole AC main installed. Fully pre-wired & backlit.
Includes 30 common AC labels "ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED on AC main

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100 A
**Dimensions:** 4.5"H x 10.5"W

**BSS8412**

BLUE SEA SYSTEMS

### 9 POSITION AC SOURCE SELECTOR CIRCUIT BREAKER PANEL

9 Total circuit breaker positions, 6 x 15A toggle breakers
& 2-30A double pole AC main breakers installed with slide to prevent connecting multiple AC sources simultaneously. Fully pre-wired & backlit. Includes 30 common AC labels. "ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED on AC source selector.

**Voltage:** 120 Volts AC
**Amperage:** Maximum panel amperage - 50 A
**Dimensions:** 11-1/4"H x 5-1/2"W

**BSS8466**

BLUE SEA SYSTEMS

### 8 POSITION AC CIRCUIT BREAKER PANEL

8 Total circuit breaker positions, 5 x 15A toggle breakers installed. Fully pre-wired & backlit. Includes 30 common AC labels. "ON" indicating LEDs installed in all circuit positions

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 7-1/2"H x 5-1/4"W

**BSS8059**

BLUE SEA SYSTEMS

### 11 POSITION AC + MAIN CIRCUIT BREAKER PANEL

11 Total circuit breaker positions, 8 x 15A toggle breakers &
1 30A Double-pole AC main installed.
Fully pre-wired & backlit. Includes 30 common AC labels.
"ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED on AC main

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 7-1/2"H x 10-1/2"W

**BSS8076** With analog 0-150V AC voltmeter & 0-50A ammeter
**BSS8407** With digital 0-150A / 80-270V multimeter & high and low Volt / Amp alarms

BLUE SEA SYSTEMS

### 8 POSITION AC + MAIN CIRCUIT BREAKER PANEL

8 Total circuit breaker positions, 5 x 15A toggle breakers & 1 x 30A Double pole AC main installed. Fully pre-wired & backlit. Includes 30 common AC labels. "ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED on AC main

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 11-1/4"H x 5-1/4"W

**BSS8074** With analog 0-150V AC voltmeter & 0-50A ammeter
**BSS8488** With 0-150VAC analog meter
**BSS8406** With digital 0-150A / 80-270V multimeter w/alarms

BLUE SEA SYSTEMS

### 24 POSITION AC CIRCUIT BREAKER PANEL

24 Total circuit breaker positions, 15 x 15A toggle breakers installed. Fully pre-wired & backlit. Includes 30 common AC labels.
"ON" indicating LEDs installed in all circuit positions

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 7-1/2"H x 15-3/4"W

**BSS8265**

## ▼AC CIRCUIT BREAKER PANELS

BLUE SEA SYSTEMS

### ELCI MAIN 30A DOUBLE POLE PANELS

- One 30A AC ELCI Main Residual Current Circuit Breaker, leakage trip amperate - 30 mA
- ELCI provides overcurrent and leakage protection per ABYC E-11 for whole boat shore power protection
- Red " Reverse Polarity" LED
- Includes (8031) AC Panel Basic Large Format Label Set
- All circuit label positions are backlit
- "ON" indicating LEDs

**Voltage:** 120 Volts AC

**BSS8100** 30A main (5.25" x 4.75" )

**BSS8101** 30A main + 2 x15A & 3 blank (5.25" x 7.5" )

**BSS8102** 30A main + 2 x15A & analog voltmeter (5.25" x 7.5")

BLUE SEA SYSTEMS

### 1 POSITION AC + MAIN BREAKER PANEL

1 Total circuit breaker position (blank) & 1 x 30A Double-pole AC main installed. Fully pre-wired & backlit. Includes 30 common AC labels. "ON" indicating LEDs installed in all circuit positions & Red reverse polarity indicating LED on AC main

**Voltage:** 120 Volts AC
**Amperage:** Panel Main Bus 100A
**Dimensions:** 3-3/4"H x 5-1/4"W

**BSS8029** White toggle breaker

**BSS3029** Black toggle breaker

BEP

### AC CIRCUIT BREAKER PANELS + MAIN

Ideal for AC Shore Power installations and On Board Inverter installations. Includes reverse polarity indicator and Label set.

**Voltage:** 110V AC
**Breakers:** ACM2W =2 x 10A, + 20A main
ACM6W= 2 x 10A, 3 x 15A, 1 x 20A + 20A main

**BEP900-ACM2W-110V** 2 + Main 4-1/2" x 5" x 2-1/2"

**BEP900-ACM6W-110V** 6 + Main 7-7/8" x 5" x 2-1/2"

BLUE SEA SYSTEMS

### AC MAIN CIRCUIT BREAKER PANEL

Double-pole AC main toggle circuit breaker with reverse polarity indicating LED

- Safety ground screw on panel back
- Backlit label
- "Trip Free" design cannot be held "ON" during fault current condition

**Dimensions:** 3-3/4"H x 2-5/8"W

**BSS8077** 30 Amp 120V

**BSS8079** 50 Amp 120V

**BSS8179** 50 Amp/230V

BLUE SEA SYSTEMS

### AC SOURCE SELECTOR PANEL

Allows connecting two different AC sources to a circuit and Prevents connecting both AC sources simultaneously 2 Double-pole AC main circuit breakers with lockout slide installed. Fully pre-wired & backlit. 2 Green Power available indicating LED's & reverse polarity indicating LED.

**Voltage:** 120 Volts AC
**Dimensions:** 3-3/4"H x 5-1/4"W

**BSS8032** 30 Amp Toggle breaker

**BSS8061** 50 Amp Toggle breaker

BLUE SEA SYSTEMS

### AC SOURCE SELECTION PANEL

- 6337 switch installed
- Two-part polyurethane slate grey finish
- Red reverse polarity LED indicators
- Green power available LED indicators

| | Max. voltage | Max. amps | Depth | Width | # of AC sources |
|---|---|---|---|---|---|
| **BSS8361** | 120/240V | 65 | 5-1/2" | 5-1/4" | 3 |
| **BSS8363** | 120/240V | 65 | 3-5/8" | 5-1/4" | 2 |
| **BSS8365** | 120V | 65 | 2-3/8" | 5-1/4" | 2 |
| **BSS8366** | 120V | 32 | 2-3/8" | 5-1/4" | 3 |
| **BSS8367** | 120V | 32 | 2" | 5-1/4" | 2 |
| **BSS8386** | 120V | 30 | 3" | 5-1/4" | 2 |
| **BSS8369** | 120V | 65 | 4-1/2" | 5-1/4" | * |

* Switches between 2 - 120 Volt AC shore power sources and 1 - 240 Volt AC source to 2 - 120 Volt AC load groups

BLUE SEA SYSTEMS

### AC ROTARY SWITCH

- Compact solution when circuit protection is provided elsewhere
- Allows connecting multiple AC sources to one circuit
- Switches hot and neutral lines
- 600 volts AC max

| | Max. amps | Depth | Width | # of AC sources | Poles |
|---|---|---|---|---|---|
| **BSS9009** | 32 | 1.91" | 1.89" | 2 | 2 |
| **BSS9010** | 32 | 2.41" | 1.89" | 3 | 2 |
| **BSS9011** | 65 | 2.41" | 2.52" | 2 | 2 |
| **BSS9019** | 65 | 3.65" | 2.52" | 2 | 3 |
| **BSS6337** | 30 | 2.98" | 1.89" | 2 | 4 |
| **BSS9077** | 65 | 5.50" | 2.52" | 3 | 3 |
| **BSS9093** | 65 | 4.50" | 2.52" | * | 4 |

* Switches between 2 - 120 Volt AC shore power sources and 1 - 240 Volt AC source to 2 - 120 Volt AC load groups

BLUE SEA SYSTEMS

## SMS SURFACE MOUNT SYSTEM

Panel enclosure for ELCI Main circuit breakers and other large frame devices. Meets ABYC E-11 when used with an ELCI Main circuit breaker and mounted within 10 feet of the shore power inlet.

- Clear cover allows easy view of circuit breaker status
- Blank circuit positions accommodate Carling Technologies™ A and C Series Flat Rocker and ELCI Main circuit breakers
- Includes waterproof glands
- LED lights for back lighting and ON indication

Enclosure Size 6.0" x 6.0" x 4.0"
Exterior Overall Dimensions 7.6" x 7.4" x 4.7"

**BSS3116** ELCI Main + 3 Blank Circuit Positions, 120V 30A
**BSS3118** ELCI Main + 2 Blank Circuit Positions, 120V 50A

BLUE SEA SYSTEMS

## AC LOCKOUT SLIDE

- Allows only one of a pair of double-pole AC circuit breakers to be activated at a time
- Guarantees that AC power from two sources ( shore power and genset or inverter) will not be mixed
- Fits all double-pole A- and B-Series circuit breakers
- Uses circuit breaker mounting screw holes. Requires no special panel modification
- Includes mounting screws

**BSS4125** AC 2 Position Lockout Slide
**BSS4126** AC 3 Position Lockout Slide
**BSS4130** AC 2 Position 2 Pole for C Series breakers
**BSS4131** AC 2 Position 3 Pole for C Series breakers

BLUE SEA SYSTEMS

## TOGGLE GUARD

- Protects circuit breakers from being accidentally switched On or Off
- Fits all single-pole A- and B-Series breakers
- Can be used on any brand of circuit breaker panel using standard A- or B-Series circuit breakers
- Uses circuit breaker mounting screw hole

**BSS4100**

BLUE SEA SYSTEMS

## PANEL BACK INSULATING COVERS

- Provides electrical insulation for exposed panel backs
- Provides mechanical protection for panel backs protruding into lockers
- Lightweight material is easily drilled for wire entrance and exit

**BSS4026** Cover for 5-1/4" x 3-3/4"
**BSS4027** Cover for 5-1/4" x 7-1/2"
**BSS4028** Cover for 10-1/2" x 7-1/2"
**BSS4031** Cover for 2 column x 10 positon + meter

BLUE SEA SYSTEMS

## PUSH BUTTON CIRCUIT BREAKER ADAPTER

Adapts Push Button Reset-Only Thermal Circuit Breaker to Blue Sea Systems' rocker panels and new battery management panels

**BSS4111**

BLUE SEA SYSTEMS

## CIRCUIT BREAKER PANEL PLUGS

**BSS8037** For toggle breakers 6/pk
**BSS4110** For rocker breakers 1/pk

BLUE SEA SYSTEMS

## CIRCUIT BREAKER MOUNTING SCREWS

Fits all single- and double-pole A-, B and C-Series circuit breakers
6-32 x 1/4" Flat Head

**BSS8035** 6 pack

BLUE SEA SYSTEMS

## LED INDICATOR LIGHTS

- Easily installed in any Blue Sea Systems' circuit breaker panel
- Simple push-in installation mounts in any thickness material
- Useful as general indicator and alarm lights
- 11/64" mounting hole

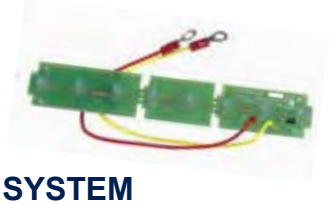
| | | |
|---|---|---|
| **BSS8033** | Amber | 12/24 VDC |
| **BSS8034** | Green | 120 VAC |
| **BSS8066** | Red | 120 VAC |
| **BSS8134** | Red | 230 VAC |
| **BSS8171** | Red | 12/24 VDC |
| **BSS8172** | Green | 12/24 VDC |

SEADOGLINE

## LED LIGHTS

3/16" diameter mounting hole

| | Voltage | Colour |
|---|---|---|
| **408110** | 110 AC | Amber |
| **408111** | 110 AC | Red |
| **408112** | 110 AC | Green |
| **408121** | 12 DC | Red |
| **408122** | 12 DC | Green |



BLUE SEA SYSTEMS

## LABEL BACKLIGHT SYSTEM

- Easily installed in Blue Sea Systems' circuit breaker panel
- Connects to 12 Volt source via two 6" 18 AWG wire leads

**Voltage:** 12 Volts DC
**Amperage Draw:** 5 Milliwatts per label

**BSS8065** Backlight System 8/5/3 positions
**BSS8069** Backlight System 10 position

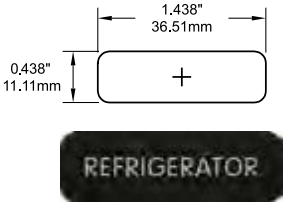
BLUE SEA SYSTEMS

## PANEL LABELS KITS

Tough, weatherproof Lexan material

### LARGE FORMAT

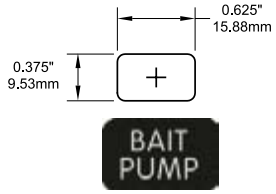
Used on traditional metal panels & ST glass fuses blocks




**BSS8031** AC basic (30 labels)
**BSS8030** DC basic (30 labels)
**BSS8039** DC extended (120 labels)

### SMALL FORMAT

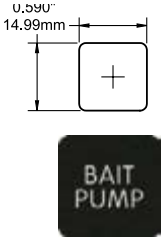
Used on ST blade fuse blocks and most Contura™ waterproof panels.




**BSS8214** Black, DC (60 labels)
**BSS8217** Gray, DC (60 labels)

### SQUARE FORMAT

For Weather Deck™, battery management & 360 panels




**BSS4215** DC (30 labels)
**BSS4218** DC (30 labels)
**BSS4216** DC (60 labels)
**BSS4217** DC (120 labels)
**BSS4208** AC (120 labels)

BLUE SEA SYSTEMS

## DOUBLE POLE RESIDUAL CURRENT CIRCUIT BREAKER

Responds to leakage of electrical current outside of the intended circuit path.

A device that trips on leakages of nominally 5mA and meets certain standards is called a Ground Fault Circuit Interrupter (GFCI). A device meeting the same standards but with a trip level of 30mA is called an Electrical Leakage Circuit Interrupter (ELCI). This device below provides GFCI or ELCI protection.

- Trips on short circuit, overload, or leakage to ground
- Front panel mount—installed in a power distribution panel

Designed for 120V 60-Cycle and 120/240V 60-Cycle applications.

| | |
|---|---|
| **BSS3100** | GFCI Branch A-Series, 1-pole 15A (flat rocker) |
| **BSS3102100** | ELCI Main A-Series, 2-pole 30A (flat rocker) |
| **BSS3103** | ELCI Main C-Series, 2-pole 50A (flat rocker) |
| **BSS3104** | ELCI Main C-Series, 3-pole 50A (flat rocker) |
| **BSS3106100** | ELCI Main A-Series, 2-pole 30A (white toggle) |

BLUE SEA SYSTEMS

## A-SERIES TOGGLE CIRCUIT BREAKERS

The industry standard circuit breaker for Blue Sea Systems' electrical panels. Combines switching and circuit protection into a single device. "Trip Free" design cannot be held "ON" during fault current condition

**Circuit breaker type**: Magnetic Hydraulic - trip free
**Maximum Voltage:** 65 VDC / 250 VAC
**Rated Switch Cycles:** 10,000 @ rated amperage and voltage

| Amps | Black | Red | White |
|---|---|---|---|
| 5 amps | **BSS7200** | **BSS7201** | **BSS7202** |
| 10 amps | **BSS7204** | **BSS7205** | **BSS7206** |
| 15 amps | **BSS7208** | **BSS7209** | **BSS7210** |
| 20 amps | **BSS7212** | **BSS7213** | **BSS7214** |
| 25 amps | **BSS7216** | **BSS7217** | **BSS7218** |
| 30 amps | **BSS7220** | **BSS7221** | **BSS7222** |
| 40 amps | **BSS7224** | **BSS7225** | **BSS7226** |
| 50 amps | **BSS7228** | **BSS7229** | **BSS7230** |

BLUE SEA SYSTEMS

## A-SERIES DOUBLE POLE TOGGLE CIRCUIT BREAKERS

The industry standard circuit breaker for Blue Sea Systems' electrical panels. Used as AC main circuit breakers to switch both hot & neutral legs. With neutral circuit on one pole and hot circuit on other pole, both poles will trip if either pole trips. Combines switching and circuit protection into a single device

**Maximum Amperage:** 50 Amp
**Maximum Voltage:** 250 VAC / 65V DC
**Rated Switch Cycles:** 10,000 @ rated amperage and voltage

| | Black | White |
|---|---|---|
| 10 amps | **BSS7232** | **BSS7233** |
| 15 amps | **BSS7234** | **BSS7235** |
| 20 amps | **BSS7236** | **BSS7260** |
| 30 amps | **BSS7237** | **BSS7238** |
| 40 amps | **BSS7239** | **BSS7240** |
| 50 amps | **BSS7241** | **BSS7242** |

BLUE SEA SYSTEMS

## A-SERIES CIRCUIT BREAKER BLANK PANELS

- Slate gray matches standard panel color
- 1/8" aluminum 5052 alloy
- Accepts Blue Sea Systems' Large Format Panel label 2-5/8"W x 3-3/4"H

**BSS8072** Single Pole
**BSS8173** Double Pole

ANCOR

## BLANK CIRCUIT BREAKER PANELS

Control panels for standard toggle breakers.

| | Gang | Width | Height |
|---|---|---|---|
| **ANC553002** | 2 | 2-11/16" | 4-1/4" |
| **ANC553008** | 8 | 5-3/8" | 8-1/2" |

BLUE SEA SYSTEMS

## A-SERIES FLAT ROCKER CIRCUIT BREAKERS

Rocker actuator is flush in the “ON” position, eliminating the risk of accidental switching. “Trip Free” design cannot be held “ON” during fault current condition. Prevents accidental switching of 24 hour circuits. Colour actuator indicates “OFF” position.

**Circuit breaker type**: Magnetic Hydraulic - trip free
**Maximum Voltage:** 240 Volts AC, 32 Volts DC
**Rated Switch Cycles:** 10,000 @ rated amperage and voltage

| Single pole | Double pole | Amps |
|---|---|---|
| **BSS7400** | | 5A |
| **BSS7401** | | 8A |
| **BSS7402** | **BSS7410** | 10A |
| **BSS7403** | **BSS7411** | 15A |
| **BSS7404** | **BSS7413** | 20A |
| **BSS7405** | | 25A |
| **BSS7406** | **BSS7414** | 30A |
| **BSS7407** | | 40A |
| **BSS7408** | **BSS7417** | 50A |

BLUE SEA SYSTEMS

## C-SERIES FLAT ROCKER CIRCUIT BREAKERS

Rocker actuator is flush in the “ON” position, eliminating the risk of accidental switching. Color actuator indicates “OFF” position. Provides overcurrent protection for inverters, bow thrusters, and windlasses. Combines switching and circuit protection into a single device.
“Trip Free”—cannot be held closed after trip.
Ignition protected—safe for installation aboard gasoline powered boats.

**Rated Switch Cycles:** 10,000 @ rated amperage and voltage
**Circuit breaker type:** Magnetic Hydraulic - Trip Free
**Terminal Stud:** 1/4" tin plated brass
**Voltage:** Single pole = Max 32VDC / 240VAC
Double pole = Max 48VDC
Triple pole = Max 48VDC

| Single pole | Double pole | Triple pole |
|---|---|---|
| **BSS7540** 5A | **BSS7475** 150A | **BSS7477** 250A |
| **BSS7541** 10A | **BSS7551** 175A | **BSS7554** 300A |
| **BSS7542** 15A | **BSS7476** 200A | |
| **BSS7543** 20A | | |
| **BSS7544** 25A | | |
| **BSS7545** 30A | | |
| **BSS7546** 50A | | |
| **BSS7547** 60A | | |
| **BSS7548** 80A | | |
| **BSS7549** 100A | | |

BLUE SEA SYSTEMS

## C-SERIES TOGGLE CIRCUIT BREAKERS

Provides overcurrent protection for inverters, bow thrusters, and windlasses. Combines switching and circuit protection into a single device. "Trip Free"—cannot be held closed after trip.
Double and triple pole circuit breakers will trip all poles if any one pole trips

**Circuit breaker type**: Magnetic Hydraulic - trip free
**Rated Switch Cycles:** 10,000 @ rated amperage and voltage

### DC C-SERIES BREAKERS

| Double pole | Triple pole | Amps |
|---|---|---|
| **BSS7267** | | 150A |
| **BSS7268** | | 175A |
| **BSS7269** | | 200A |
| | **BSS7270** | 250A |
| | **BSS7271** | 300A |

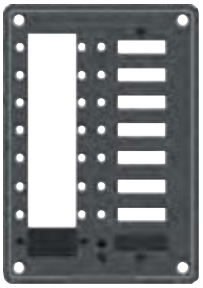
### AC/DC C-SERIES BREAKERS

| Single pole | Amps |
|---|---|
| **BSS7350** | 5A |
| **BSS7351** | 10A |
| **BSS7352** | 15A |
| **BSS7353** | 20A |
| **BSS7354** | 25A |
| **BSS7355** | 30A |
| **BSS7244** | 50A |
| **BSS7246** | 60A |
| **BSS7248** | 80A |
| **BSS7250** | 100A |

### AC C-SERIES BREAKERS

- Meets ABYC requirements for 120/240 Volt 50A main protection
- Double pole used as 120 volt AC main to switch hot to neutral
- Triple pole used as 240 volt AC main to switch lines (hot) and neutral

| Double pole | Triple pole | Amps |
|---|---|---|
| **BSS7365** | | 30A |
| **BSS7251** | **BSS7287** | 50A |
| **BSS7254** | **BSS7288** | 60A |
| **BSS7256** | **BSS7289** | 80A |
| **BSS7258** | **BSS7290** | 100A |



BLUE SEA SYSTEMS

## BLANK C-SERIES BREAKER MOUNTING PANELS

- Designed for C-Series Toggle Circuit Breakers
- Heavy 1/8" aluminum 5052 Alloy
- Two-part polyurethane slate gray finish
- Accepts standard Blue Sea Systems' backlight labels
- Accepts standard Blue Sea Systems' "ON" indication LEDs

**BSS8087** 8 position, 5-1/4" x 7-1/2"
**BSS8088** 3 position, 5-1/4" x 3-3/4"

BLUE SEA SYSTEMS

## 187 SERIES
## DC THERMAL CIRCUIT BREAKERS

- Combines switching and circuit protection into a single device
- Clear, single lever operation
- "Trip Free" design cannot be held "ON" during fault current condition
- Weatherproof
- Robust 5/16" M8 terminals provide high torque connections
- Vapourproof -Ignition protected
- Self-trimming case eliminates need for mounting panels or trim bezels
- Round case for easy installation with standard sized hole saw

**Voltage Rating:** 48 Volts DC max

| Panel mount | Surface mount | Amps |
|---|---|---|
| BSS7035 | BSS7135 | 25A |
| BSS7036 | BSS7136 | 30A |
| BSS7037 | BSS7137 | 35A |
| BSS7038 | BSS7138 | 40A |
| BSS7039 | BSS7139 | 50A |
| BSS7040 | BSS7140 | 60A |
| BSS7041 | BSS7141 | 70A |
| BSS7042 | BSS7142 | 80A |
| BSS7043 | BSS7143 | 90A |
| BSS7044 | BSS7144 | 100A |
| BSS7045 | BSS7145 | 110A |
| BSS7046 | BSS7146 | 120A |
| BSS7047 | BSS7147 | 135A |
| BSS7048 | BSS7148 | 150A |
| BSS7049 | BSS7149 | 200A |

BLUE SEA SYSTEMS

## 285 SERIES
## DC THERMAL CIRCUIT BREAKERS

Provides medium duty circuit protection for 25 to 200 Amp loads when switching and circuit protection are both required.

- Visible reset lever shows open condition
- Trip-free—cannot be held closed after trip
- Drop in replacement for 185-Series Circuit Breakers
- External ignition protection

**Terminal Stud:** M6 (accepts 1/4" Ring Terminal)
**Max Voltage:** 48V DC

| Panel mount | Surface mount | Amps |
|---|---|---|
| BSS7080 | BSS7180 | 25A |
| BSS7081 | BSS7181 | 30A |
| BSS7082 | BSS7182 | 40A |
| BSS7083 | BSS7183 | 50A |
| BSS7084 | BSS7184 | 60A |
| BSS7085 | BSS7185 | 70A |
| BSS7086 | BSS7186 | 80A |
| BSS7087 | BSS7187 | 100A |
| BSS7088 | BSS7188 | 120A |
| BSS7089 | BSS7189 | 150A |

Surface mount

Panel mount

**BEZEL MOUNT**
For 285-Series Panel Mount Breakers (71xx)
**BSS7198**

**CIRCUIT BREAKER ADAPTER BEZEL**
Allows circuit breaker mounting in a 2-1/2" round hole
**BSS7098**

BLUE SEA SYSTEMS

## PUSH BUTTON CIRCUIT BREAKERS

- Incorporated into Blue Sea Systems water resistant circuit breaker panels
- Push to reset operation
- "Trip Free" design cannot be held "ON" during fault current condition
- Ignition protected - safe for installation aboard gasoline powered boats

| Spade Terminal | Screw Terminal | Amps |
|---|---|---|
| BSS7050 | BSS2129 | 3A |
| BSS7052 | BSS2130 | 5A |
| BSS7053 | BSS2131 | 7A |
| BSS7054 | BSS2132 | 10A |
| BSS7055 | | 12A |
| BSS7056 | BSS2133 | 15A |
| BSS7057 | BSS2134 | 20A |
| BSS7058 | BSS2135 | 25A |
| BSS7059 | BSS2136 | 30A |
| BSS7061 | BSS2137 | 40A |

| | |
|---|---|
| BSS4135 | Boot reset button clear |
| BSS4136 | Boot reset button white |
| BSS4137 | Boot reset button black |

SEADOGLINE

## PUSH BUTTON
## THERMAL AC/DC CIRCUIT BREAKERS

Stamped Brass/Molded Bakelite. (UL Listed A-0701)

| | |
|---|---|
| 420804 | 4 amps |
| 420806 | 6 amps |
| 420808 | 8 amps |
| 420810 | 10 amps |
| 420815 | 15 amps |
| 420820 | 20 amps |
| 420835 | 35 amps |
| 420839 | Breaker Boot |

BLUE SEA SYSTEMS

## MEDIUM DUTY PUSH BUTTON
## RESET-ONLY CIRCUIT BREAKERS

- Weatherproof
- Can be used as Main, Branch, or 24 hour circuit protection
- "Trip Free" design cannot be held "ON" during fault current condition

Terminal stud: #10-32 Stainless steel

| | |
|---|---|
| BSS2138 | 15A |
| BSS2139 | 20A |
| BSS2140 | 30A |
| BSS2141 | 40A |
| BSS2142 | 50A |
| BSS2143 | 60A |

Cole Hersee

## PLUG-IN
## CYCLING CIRCUIT BREAKERS

Heavy duty replacement for ATC & ATO blade fuses. Rated at 12 VDC.

| | |
|---|---|
| 30409-20BP | 20 amps |
| 30409-30BP | 30 amps |

SEADOGLINE

## RESETTABLE CIRCUIT BREAKER

Resettable inline circuit breaker with manual reset button. Complies with SAE Standard J553. Splash proof. May be used on 12V or 24V systems.

| | |
|---|---|
| **420842** | 20 amps |
| **420843** | 30 amps |
| **420844** | 40 amps |
| **420845** | 50 amps |

Cole Hersee

## CYCLING CIRCUIT BREAKERS WITH

#10-32 stud. Rated at 12 VDC.

| | |
|---|---|
| **30055-20BP** | 20 amps |
| **30055-30BP** | 30 amps |
| **30055-40BP** | 40 amps |

BLUE SEA SYSTEMS

## MAXI™ FUSE BLOCK

- Snap-on terminal cover insulates all conductive parts, satisfying ABYC/USCG requirements
- Accepts wire sizes 18–4 AWG from sides or bottom
- Terminal screws compress fuse blades for low resistance connections

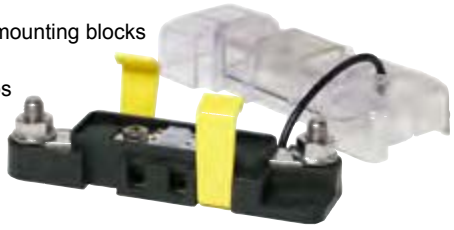
**Max voltage:** 32 VDC
**Max Amperage:** 80 Amps
**Wire size:** 18–4 AWG
**Dimensions:** 2-7/8" x 2"

**BSS5006**

BLUE SEA SYSTEMS

## MIDI® OR AMI® SAFETY FUSE BLOCK

- Ignition protected for installation on gasoline/diesel powered boats
- Sealed cover protects fuses from the harsh marine environment
- Insulating cover satisfies ABYC/USCG insulation requirements
- Cover breakouts allow wire access in any direction
- Accepts Blue Sea square format standard or custom label
- Fuses sold separately
- Tin-Plated Copper fuse mounting blocks



**Max voltage:** 32 VDC
**Max Amperage:** 200 Amps
**Max Cable size:** 2/0 AWG
**Stud Size:** 8mm

**BSS7720**

BLUE SEA SYSTEMS

## MEGA® OR AMG® SAFETY FUSE BLOCK

- Ignition protected for installation aboard gasoline or diesel powered boats
- Sealed cover protects fuses from the harsh marine environment
- Insulating cover satisfies ABYC/USCG insulation requirements
- Cover breakouts allow wire access in any direction
- Accepts Blue Sea Systems Square Format standard or custom label
- Fuses sold separately
- Tin-Plated Copper fuse mounting blocks

**Max voltage:** 32 VDC
**Max Amperage:** 300 Amps
**Max Cable size:** 2/0 AWG
**Stud Size:** 8mm

**BSS7721**

BLUE SEA SYSTEMS

## ANL FUSE BLOCKS

- Accepts 5/16" (M8) ring terminals
- Insulating cover satisfies ABYC/USCG insulation requirements
- Cover breakouts allow wire access in any direction
- Stainless steel studs provide resistance to corrosion and high torque for excellent electrical contact.
- Ideal for bow thrusters

| | 5503 | 5005 |
|---|---|---|
| **Max voltage:** | 32 Volts DC | 32 Volts DC |
| **Max Amperage:** | 750 Amps | 300 Amps |
| **Cable size:** | Up to 4/0 AWG | Up to 2/0 AWG |
| **Fuse Mounting Blocks:** | Tin-Plated Copper | Tin-Plated Copper |
| **Dimensions:** | 7" x 2" x 2-5/16"H | 4.5" x 1-1/2" x 1-5/8"H |

**BSS5503** 750 Amps max
**BSS5005** 300 Amps max

BLUE SEA SYSTEMS

## CLASS T FUSE BLOCK

- Insulating cover satisfies ABYC/USCG insulation requirements
- Cover breakouts allow wire access in any direction
- Insert molded studs ensure secure fuse mounting
- Stainless steel studs provide resistance to corrosion and high torque for excellent electrical contact

**Max voltage:** 160 Volts DC
**Max Amperage:** 400 Amps
**Terminal stud size:** 3/8"-16 (M10)
**Cable size:** Up to 4/0 AWG
**Fuse Mounting Blocks:** Tin-Plated Copper
**Dimensions:** 7" x 2" x 2.3"H

**BSS5502**

BLUE SEA SYSTEMS

## TERMINAL FUSE BLOCK

- Isolated studs use M8 hardware & allows stacking of terminals
- Appropriate for DC Main, inverter, windlass, & bow thruster circuits
- Provides high current protection in tight spaces
- Weatherproof
- Insulating cap prevents accidental shorts
- Accepts 5/16" or 3/8" ring terminals

**Max Amperage:** 300 Amps DC
**Max Voltage:** 58 Volts DC
**Dimensions:** 1 Terminal = 2.4" x 0.79" x 1.75"H
2 Terminal = 3.48" x 0.79" x 1.75"H

**BSS5191** 1 Terminal stud
**BSS2151** 2 Terminal stud

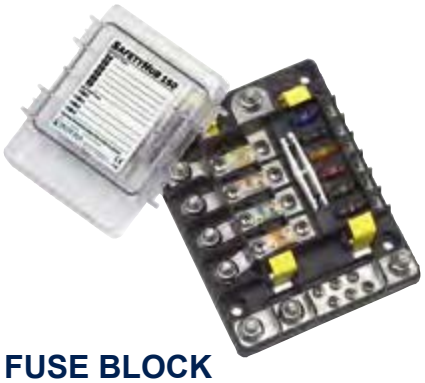
BLUE SEA SYSTEMS

## SAFETYHUB 100 FUSE BLOCK

Combines an ignition protected fuse block and integrated connecting plugs. It consolidates seven circuits from 1A–200A, eliminates loose wires, and protects fuses from explosive fumes. The SafetyHub100 is ideal for vessels ranging from ski boats to offshore fishing boats.
3 30A–200A MIDI® fuses & • 4 1A–20A ATO®/ATC® fuses

**Amperage:** 240 Amps total max
**Voltage:** 12V DC

**BSS7725** SafetyHub100



BLUE SEA SYSTEMS

## SAFETYHUB 150 FUSE BLOCK

The SafetyHub 150 is an ignition protected fuse block with screw termination. Reduces wiring connections, and consolidates up to ten fused circuits. It can be used for Main or Branch DC power distribution

- Four 30A–200A MIDI®/AMI® fuses ideal for high-amp circuits including panel feeds, windlasses, and stereo amplifiers
- Six 1A–30A ATO®/ATC® fuses ideal for low-amp circuits including bilge pumps, electronics, and lights
- Sealed cover protects fuses from the harsh marine environment: IP66 rating—protected against powerful water jets
- Negative bus provides common location for negative collection
- Circuit identification label with write-on capability
- Fuse puller easily removes ATO®/ATC® fuses
- Cover provides storage space for two spare fuses
- Ignition protected fusing meets Coast Guard and ABYC requirements for installation on gasoline or diesel powered boats
- Fuses sold separately

**Amperage:** 350 Amps total max
**Voltage:** 12V, 24V, 32V

**BSS7748**

BLUE SEA SYSTEMS

## SAFETYHUB 250 FUSE BLOCK WITH BATTERY SWITCH

Combines an ignition protected fuse block with a remote battery switch and integrated connecting plugs. It consolidates up to seven circuits from 1A – 200A, eliminates loose wires, protects fuses from explosive fumes, and provides main battery shutdown from a safe location. The SafetyHub250 is ideal for vessels ranging from ski boats to offshore fishing boats.
3 30A–200A MIDI® fuses & • 4 1A–20A ATO®/ATC® fuses

**Amperage:** 240 Amps total max
**Voltage:** 12V DC

**BSS7727** SafetyHub 250 w/remote battery switch + manual control

BLUE SEA SYSTEMS

## ST BLADE FUSE BLOCK SYSTEM

- Clear insulating cover recesses for small format Blue Sea labels
- Cover insulates all conductive parts, meeting ABYC/USCG req.
- Tin plated copper buses and fuse clips give 30A rating per circuit
- Uses ATO and ATC fuses and plug-in style circuit breakers
- 20 write-on circuit labels included

**Amperage:** 30A max per circuit / 100A max per block
**Voltage:** 32V DC maximum voltage
**Dimensions:** **5028/5033 =** 3-5/8"H x 3-5/16"W x 1-1/2"D
**5025/5030 =** 4-7/8"H x 3-5/16"W x 1-1/2"D
**5029/5034 =** 5-1/4"H x 3-5/16"W x 1-1/2"D
**5026 =** 6-1/2"H x 3-5/16"W x 1-1/2"D

**BSS5025** 6 circuit w/ground,
**BSS5030** 6 circuit w/ground, no cover
**BSS5028** 6 circuit
**BSS5033** 6 circuit, no cover
**BSS5026** 12 circuit w/ground,
**BSS5029** 12 circuit
**BSS5034** 12 circuit, no cover

BLUE SEA SYSTEMS

## ST GLASS FUSE BLOCK SYSTEM

- Clear insulating cover with recesses for standard Blue Sea labels
- Cover insulates all conductive parts, meets ABYC / USCG req.
- Cover stores spare fuses
- Beryllium copper contact clips give full 30 Ampere rating per circuit
- Uses AGC (Fast), MDL (Time-Delay) & all other 3AG Glass Fuses
- Tin-plated copper buses
- 20 write-on labels included

**Material:** Reinforced polycarbonate
**Dimensions:** 5" H x 3-1/4" W x 1-1/4" D
**Amperage:** 30A max per circuit (100A max entire block)
**Voltage:** 32 Volts DC

**BSS5015** Fuse Block AGC 6 circuit with ground
**BSS5018** Fuse Block AGC 6 circuit without ground

ANCOR
## ATO/ATC FUSE PANELS
Common negative bus with "push-on" tabs. Common positive feed.

**ANC607122** 6 gang
**ANC607123** 12 gang

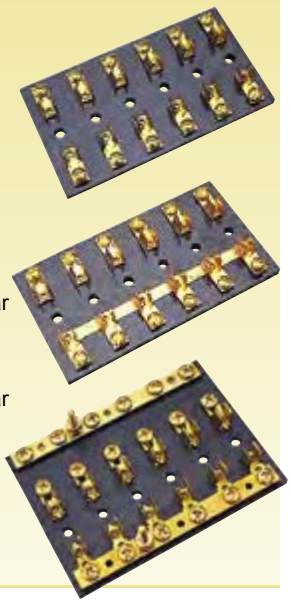
Sierra
## ATO/ATC STYLE FUSE BLOCK
1/4" spade terminals and 8-32 screws. Tin plated copper contacts. Rated for 30 amps maximum per circuit, 160 amp total for the block. With ground bus bar.

**G40420** 6 gang
**G40430** 4 gang
**G40440** 14 gang

SEADOGLINE
## ATC FUSE BLOCK WITH GROUND BLOCK
Multiple gang fuse blocks with tin plated copper contact and ground tabs. Uses ATC and ATO fuses. Fuses not included. Rated 30 amps maximum each circuit @ 12V.

**445191** 6 position, 3-3/8" x 3-3/4"
**445193** 10 position, 3-3/8" x 5-1/16"
**445195** 14 position, 3-3/8" x 6-1/4"

SEADOGLINE / Sierra
## FUSE HOLDER
Stamped brass / molded bakelite. Multiple gang fuse blocks with bronze fuse clips and brass screws. Designed to take most AGC & SFE type fuses. Rated for 20 amps @ 12 volts.



**420513** 3 Gang
**420523** 3 Gang with bus bar
**G40510** 4 Gang
**420544** 4 Gang with ground & bus bar
**420516** 6 Gang
**420526** 6 Gang with bus bar
**420546** 6 Gang with ground & bus bar
**G40530** 8 Gang
**G40610** 8 Gang with bus bar
**420519** 9 Gang
**420529** 9 Gang with bus bar

SEADOGLINE
## MAXI FUSE INLINE FUSE HOLDER
**445299** max 60 amps

BLUE SEA SYSTEMS
## WATERPROOF IN-LINE FUSE HOLDER
For use with ATO® or ATC® fuses
30A Max fuse. 12 AWG pigtails
**BSS5065**

ANCOR
## WATERPROOF ATO/ATC IN-LINE FUSE HOLDER
For ATO/ATC fuses. 30A max
**ANC607019**

BLUE SEA SYSTEMS
## IN-LINE FUSE HOLDER
For use with ATO® or ATC® fuses
30A Max fuse. 12 AWG pigtails
**BSS5064**

ANCOR
## ATO IN-LINE FUSE HOLDER
For ATO fuses. 12 AWG wire, 30A max.
**ANC607017**

SEADOGLINE
## ATO/ATC INLINE FUSE HOLDER
Injection moulded fibreglass reinforced nylon. 30A max.
**445199**

SEADOGLINE
## ATO/ATC INLINE FUSE HOLDER
Injection molded PVC. Holds ATO style fuses. 14 gauge wire. Max 30A
**420509** Each
**420509-7** Clip-Strip display (10 pcs.)

ANCOR
## ATO/ATC IN-LINE FUSE HOLDER
For ATO/ATC fuses.
**ANC607022** For 14 AWG wire / 15A max
**ANC607023** For 10 AWG wire / 30A max

BLUE SEA SYSTEMS

## CRIMPABLE IN-LINE FUSE HOLDER

Accepts 12-18 AWG wire 30A Maximum fuse.

**BSS5060**

ANCOR

## CRIMP-ON FUSE HOLDER

For AGC & MDL fuses .12-18 AWG, 30A max

**ANC607012**

BLUE SEA SYSTEMS

## WATERPROOF IN-LINE FUSE HOLDER

Accepts 12-18 AWG wire 20A Maximum fuse.

**BSS5062**

BLUE SEA SYSTEMS

## 30A WATERPROOF IN-LINE FUSE HOLDER

Accepts 12-18 AWG wire 30A Maximum fuse.

**BSS5061**

ANCOR

## WATERPROOF IN-LINE FUSE HOLDERS

For AGC & MDL fuses. 30A max

**ANC607013** For 12-18 AWG wire

**ANC607014** For 10 AWG wire

BLUE SEA SYSTEMS

## HEAVY DUTY IN-LINE FUSE HOLDER

For use with AGC® or MDL® glass fuses. 30A Max fuse. Tinned copper 12 AWG pigtails.

**BSS5063**

ANCOR

## HEAVY-DUTY IN-LINE FUSE HOLDER

For AGC & MDL fuses. 12 AWG wire, 30A max

**ANC607016**

SEADOGLINE

## INLINE FUSE HOLDER

Injection molded nylon. Includes 20A fuse.

**420500** Each

**420500-7** Clip-Strip display (10 pcs.)

Cole Hersee

## IN-LINE FUSE HOLDERS

#14 gauge wire, 8" long, 20 amp

**3031-0BP**

SEADOGLINE

## WATERTIGHT INLINE FUSE HOLDER

Injection molded PVC. Features snap tight connection for use in wet or semi-wet locations. Includes fuse.

| | Wire size | Max. amps |
|---|---|---|
| **420552** | 16 gauge | 10 |
| **420553** | 14 gauge | 15 |
| **420554** | 12 gauge | 20 |
| **420555** | 10 gauge | 30 |
| **420557** | 8 gauge | 50 |

SEADOGLINE

## WATERTIGHT INLINE DUAL FUSE HOLDER

Injection molded PVC. Features snap tight connection for use in wet or semi-wet locations. Includes glass fuse and extra fuse. Fuse holder has a specially designed case that is molded with a second fuse pocket.

| | Wire size | Max. amps |
|---|---|---|
| **420562** | 16 gauge | 10 amps |
| **420563** | 14 gauge | 15 amps |
| **420564** | 12 gauge | 20 amps |
| **420565** | 10 gauge | 30 amps |

BLUE SEA SYSTEMS

## WATER RESISTANT IN-LINE FUSE HOLDER

For use with AGC® or MDL® glass fuses. 20A Max fuse, 32A Max voltage.

**BSS5021** Fuse holder

**BSS5022** Replacement cap

SEADOGLINE / ANCOR

## FUSE HOLDER WITH SCREW IN CAP

Moulded plastic holder is designed to take most AGC & SFE type fuses. Mounts in panels up to 5/16" thick.

**420503** 10 Amp, w/ spade terminal

**ANC607010** 15 Amp

**420502** 10 Amp

BLUE SEA SYSTEMS

## WATERPROOF FUSE HOLDER

Will withstand water exposure normally encountered in most above deck applications: salt spray, rain, hose washdown or momentary immersion. Max amps: 20. Max volt: 250AC/DC. For AGC fuses.

**BSS5020**

SEADOGLINE

## FUSE HOLDER WITH PUSH IN CAP

Moulded plastic holder is designed to take most AGC & SFE type fuses. Mounts in panels up to 5/16" thick.

**420501** 20 Amp

BLUE SEA SYSTEMS

## MIDI® COMPACT FUSES

Tin-plated copper for corrosion resistance.
Clear cover offers visible indication of blown fuses

| | | | |
|---|---|---|---|
| **BSS5250** | 30A | **BSS5256** | 100A |
| **BSS5251** | 40A | **BSS5257** | 125A |
| **BSS5252** | 50A | **BSS5258** | 150A |
| **BSS5253** | 60A | **BSS5259** | 175A |
| **BSS5254** | 75A | **BSS5260** | 200A |
| **BSS5255** | 80A | | |

BLUE SEA SYSTEMS

## TERMINAL BLOCK FUSES

High interrupt rating, provides DC main circuit protection. Clear window-visual indication of blown condition. 58VDC max.

| | | | |
|---|---|---|---|
| **BSS5175** | 30A | **BSS5184** | 125A |
| **BSS5176** | 40A | **BSS5185** | 150A |
| **BSS5177** | 50A | **BSS5186** | 175A |
| **BSS5178** | 60A | **BSS5187** | 200A |
| **BSS5180** | 75A | **BSS5188** | 225A |
| **BSS5181** | 80A | **BSS5189** | 250A |
| **BSS5182** | 90A | **BSS5190** | 300A |
| **BSS5183** | 100A | | |

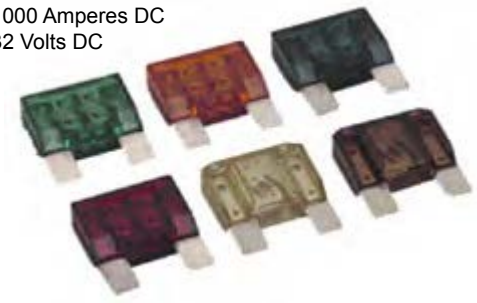
BLUE SEA SYSTEMS

## MAXI™ FUSES

- Widely used throughout the automotive industry
- Extremely economical
- Tin-plated connector blades for corrosion resistance
- Visible indication of blown condition

Interrupt Capacity 1000 Amperes DC
Maximum Voltage 32 Volts DC

**BSS5138** 30 Amp
**BSS5139** 40 Amp
**BSS5140** 50 Amp
**BSS5141** 60 Amp
**BSS5142** 70 Amp
**BSS5143** 80 Amp



BLUE SEA SYSTEMS

## MEGA FUSES

- Most economical fuse for 100 to 250 Ampere circuit protection
- Use with SEA fuse block system
- Interrupt Capacity: 2000 Amperes DC
- Maximum Voltage: 32 Volts DC

**BSS5101** 100 Amp
**BSS5102** 125 Amp
**BSS5103** 150 Amp
**BSS5104** 175 Amp
**BSS5105** 200 Amp
**BSS5106** 225 Amp
**BSS5107** 250 Amp
**BSS5108** 300 Amp

BLUE SEA SYSTEMS

## ANL FUSES

- Tin-plated connector blades for corrosion resistance
- Visible indication of blown condition
- Interrupt Capacity: 6000 Amperes DC
- Maximum Voltage: 32 Volts DC

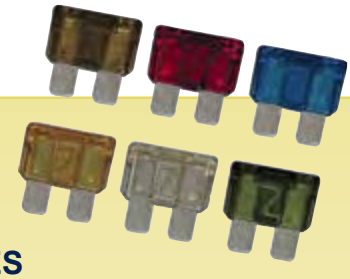
| | | | |
|---|---|---|---|
| **BSS5164** | 35 Amp | **BSS5131** | 250 Amp |
| **BSS5165** | 40 Amp | **BSS5132** | 275 Amp |
| **BSS5122** | 50 Amp | **BSS5133** | 300 Amp |
| **BSS5123** | 60 Amp | **BSS5134** | 325 Amp |
| **BSS5124** | 80 Amp | **BSS5135** | 350 Amp |
| **BSS5125** | 100 Amp | **BSS5136** | 400 Amp |
| **BSS5126** | 130 Amp | **BSS5137** | 500 Amp |
| **BSS5127** | 150 Amp | **BSS5161** | 600 Amp |
| **BSS5128** | 175 Amp | **BSS5162** | 675 Amp |
| **BSS5129** | 200 Amp | **BSS5163** | 750 Amp |
| **BSS5130** | 225 Amp | | |

BLUE SEA SYSTEMS

## CLASS T FUSES

- Extremely fast short-circuit response
- UL rated for DC applications under UL 198L
- Interrupt Capacity: 20,000 Amperes DC
- Maximum Voltage: 160 Volts DC

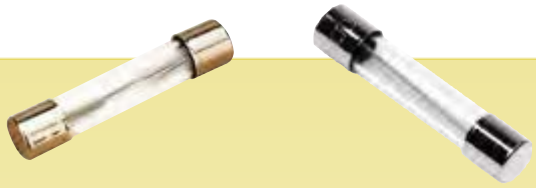
**BSS5117** 225 Amp
**BSS5118** 250 Amp
**BSS5119** 300 Amp
**BSS5120** 350 Amp
**BSS5121** 400 Amp



## ATO/ATC FUSES

Fast-acting automotive style fuses. 3/4" x 13/16" (19x20.6mm)

| ANCOR (2-Pack) | SEADOGLINE (5-Pack) | BLUE SEA SYSTEMS (2-Pack) | Amps |
|---|---|---|---|
| | **445101** | **BSS5235** | 1 |
| | **445102** | **BSS5236** | 2 |
| **ANC604003** | **445103** | **BSS5237** | 3 |
| | **445104** | **BSS5238** | 4 |
| **ANC604005** | **445105** | **BSS5239** | 5 |
| | **445107** | | 7 |
| **ANC604007** | | **BSS5240** | 7.5 |
| **ANC604010** | **445110** | **BSS5241** | 10 |
| **ANC604015** | **445115** | **BSS5242** | 15 |
| **ANC604020** | **445120** | **BSS5243** | 20 |
| **ANC604025** | **445125** | **BSS5244** | 25 |
| **ANC604030** | **445130** | **BSS5245** | 30 |
| | **445140** | **BSS5246** | 40 |
| **ANC601114** | | | 5-30 |
| | **445190** (Assortment) | | 3-20 |




## AGC GLASS TUBE FUSES

Fast-acting, corrosion resistant fuses.1/4" x 1-1/4"(6.4x32mm).
5 fuses per package.

| ANCOR | SEADOGLINE | BLUE SEA SYSTEMS | Amps |
|---|---|---|---|
| | | BSS5201 | 0.25 |
| ANC601005 | 444150 | BSS5202 | 0.5 |
| ANC601010 | 444101 | BSS5204 | 1 |
| ANC601015 | 444151 | BSS5205 | 1.5 |
| ANC601020 | 444102 | BSS5206 | 2 |
| ANC601025 | 444152 | BSS5207 | 2.5 |
| ANC601030 | 444103 | BSS5208 | 3 |
| ANC601040 | 444104 | BSS5209 | 4 |
| ANC601050 | 444105 | BSS5210 | 5 |
| | 444106 | BSS5211 | 6 |
| ANC601070 | | BSS5212 | 7 |
| ANC601075 | 444157 | BSS5213 | 7.5 |
| ANC601080 | | | 8 |
| ANC601100 | 444110 | BSS5215 | 10 |
| ANC601120 | | | 12 |
| ANC601150 | 444115 | BSS5217 | 15 |
| ANC601200 | 444120 | BSS5218 | 20 |
| ANC601250 | 444125 | BSS5219 | 25 |
| ANC601300 | 444130 | BSS5220 | 30 |
| | 444135 | | 35 |
| ANC601112 | | | 5-30 |
| ANC601113 (41 mixed kit) | | | 1-30 |
| | 444190 (30 mixed kit) | | |

## MDL (SLOW-BLOW) GLASS TUBE FUSES

Time-delayed to allow temporary, harmless in-rush currents to pass but open on sustained overloads and short-circuits..
1/4" X 1-1/4" (6.4x32mm). 2 fuses per package.

| ANCOR | SEADOGLINE | BLUE SEA SYSTEMS | Amps |
|---|---|---|---|
| ANC602030 | 444303 | BSS5226 | 3 |
| ANC602050 | | BSS5227 | 5 |
| ANC602062 | | BSS5228 | 6.25 |
| ANC602075 | | BSS5229 | 7.5 |
| | 444308 | | 8 |
| ANC602100 | 444310 | BSS5230 | 10 |
| ANC602150 | | BSS5231 | 15 |
| ANC602200 | | BSS5232 | 20 |
| ANC602250 | | BSS5233 | 25 |
| ANC602300 | | BSS5234 | 30 |
| | 444335 | | 35 |

SEADOGLINE

## SFE GLASS TUBE FUSES

Fast-acting, corrosion resistant fuses open quickly to protect circuits from overloads and short circuits.
Size determined by amperage.

| | Amps | Size | Qty/pkg |
|---|---|---|---|
| 444204 | 4 | 1/4" x 5/8" | 5 |
| 444206 | 6 | 1/4" x 3/4" | 5 |
| 444257 | 7.5 | 1/4" x 7/8" | 5 |
| 444209 | 9 | 1/4" x 7/8" | 5 |
| 444214 | 14 | 1/4" x 1-1/16" | 5 |

## GMA MINI GLASS TUBE FUSES

Fast-acting, corrosion resistant fuses. 3/16" x 13/16" (5x20mm)
3 fuses per package.

| ANCOR | BLUE SEA SYSTEMS | Amps |
|---|---|---|
| ANC605010 | BSS5280 | 1 |
| ANC605020 | BSS5281 | 2 |
| ANC605030 | BSS5282 | 3 |
| ANC605050 | BSS5283 | 5 |
| ANC605070 | BSS5284 | 7 |
| ANC605100 | BSS5285 | 10 |

## ATM FUSES

Fast-acting mini automotive style fuses.
5/16" x 7/16" (7.9x11.11mm) 2 fuses per package.

| ANCOR | BLUE SEA SYSTEMS | Amps |
|---|---|---|
| ANC603905 | BSS5270 | 5 |
| ANC603910 | BSS5271 | 10 |
| ANC603915 | BSS5272 | 15 |
| ANC603920 | BSS5273 | 20 |
| ANC603930 | BSS5274 | 30 |

SEADOGLINE

## TERMINAL BLOCKS

Stamped brass / molded bakelite strip.
Available for 10 or 20 amps.

| 10 Amp | 20 Amp | Terminals |
|---|---|---|
| 426604 | 426624 | 4 |
| 426606 | 426626 | 6 |
| 426608 | 426628 | 8 |
| 426600 | 426620 | 10 |

BLUE SEA SYSTEMS

## INDEPENDENT CONNECTORS

- Each screw pair is 1 isolated circuit
- Jumpers allow creation of common circuits
- Closed back completely insulates power from the mounting surface
- Made from Nickel-Plated Brass / Phenolic

### 15 AMP BLOCKS, 6-32 SCREWS

300V AC/DC Maximum, 20A AC/DC Max.

**BSS2402** 2 circuit
**BSS2404** 4 circuit
**BSS2406** 6 circuit
**BSS2408** 8 circuit
**BSS2410** 10 circuit
**BSS9218** Jumper 2400 Series, nickel-plated brass, 5/pack

### 30 AMPERE BLOCKS, 8-32 SCREWS

600V AC/DC Maximum, 30A AC/DC Max.

**BSS2502** 2 circuit
**BSS2504** 4 circuit
**BSS2506** 6 circuit
**BSS2508** 8 circuit
**BSS2510** 10 circuit
**BSS2512** 12 circuit
**BSS9217** Jumper 2500 Series, nickel-plated brass, 5/pack

### 65 AMPERE BLOCKS, 10-32 SCREWS

600V AC/DC Maximum, 65A AC/DC Max.

**BSS2602** 2 circuit
**BSS2604** 4 circuit
**BSS2606** 6 circuit
**BSS2608** 8 circuit
**BSS2610** 10 circuit
**BSS9216** Jumper 2600 Series, nickel-plated brass, 5/pack

ANCOR

## PIN TERMINAL BLOCKS

Meets ABYC standards: has a stainless steel wire protector to prevent damage from screw.

**ANC553091** 4 gang
**ANC553093** 8 gang
**ANC553095** 12 gang

BLUE SEA SYSTEMS

## DUALBUS COMMON BUS BARS

Combines negative and positive buses on one block.
Tin-plated copper bars.
100A AC/DC max continuous, 300V AC / 38V DC max.

**BSS2701** 5 x 8-32 screw terminal
**BSS2702** 10 x 8-32 screw terminal
**BSS2709** Cover for BSS2701
**BSS2710** Cover for BSS2702

SEADOGLINE

## COMBINATION BUS BAR

Brass Tin Plated/ABS. 100 Amps.
Fastener #10 RH.

**426685** 10 x #8-32 terminals,
**426686** 20 x #8-32 terminals,

Sierra

## BUS & GROUND BAR

Black molded base with two solid brass bus bar.

**G40660** 2 Gang
**G40680** 6 Gang

BLUE SEA SYSTEMS

## DUALBUS PLUS

Combines negative and positive buses on one block. Clear snap on Lexan lid to meet Coast Guard and ABYC insulation requirements

| | |
|---|---|
| Continuous Amps: | 150 Amps DC / 130 Amps AC |
| Voltage Rating: | 48 VDC maximum / 300 VAC maximum |
| Bus Material: | Tin-Plated Copper |
| Base Material: | Reinforced Polycarbonate |
| Cover Material: | Clear Polycarbonate |

**BSS2720** 1/4" stud
**BSS2722** 1/4" stud, 5x10-32 screw terminal
**BSS2723** 5/16" stud, 5x10-32 screw terminal

SEADOGLINE

## BUS BARS

Stamped brass / molded bakelite.
Solid brass 1/4" diameter stud terminals. Screws #8-32.

| | Gang | Length |
|---|---|---|
| 426671 | 10 | 5-3/4" |
| 426672 | 20 | 8-7/8" |

SEADOGLINE

## SCREW TERMINAL BUSBARS 100A

Brass tin plated/ABS. 100 Amps. Fastener #10 RH.

**426710** 5 x #8-32 terminals, 4-3/16" x 7/8"

**426711** 10 x #8-32 terminals, 6-1/4" x 7/8"

SEADOGLINE

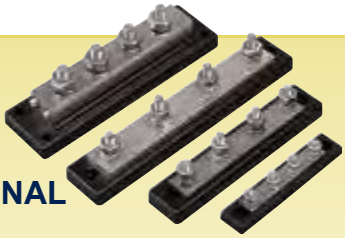
## SCREW TERMINAL BUSBARS

Brass tin plated/ABS. 48VDC max

**426722** 10 x #8-32 terminals, 6" x 1-1/4", 150A

**426724** 20 x #8-32 terminals, 9-1/2" x 1-1/4", 150A

**426733** 12 x #10 terminals, 7-15/16" x 1-1/2", 250A



SEADOGLINE

## BUS BAR STUD TERMINAL

Tin plated brass / ABS.

| | No. of Terminal | Size | Amps | Fastener |
|---|---|---|---|---|
| **426718** | 4x#10-24 | 4 3/16" x 7/8" | 100 | #10 RH |
| **426728** | 4x1/4"-20 | 6" x 1 1/4" | 150 | #10 RH |
| **426738** | 4x5/16"-18 | 8" x 1 1/2" | 250 | #10RH |
| **426768** | 4x3/8"-16 | 7" x 2" | 600 | 1/4" RH |

BLUE SEA SYSTEMS

## MINIBUS 100A COMMON BUS

Great for limited space applications in electronics cabinets and under dashboards

Continuous Amps: 100 Amperes AC/DC
Voltage Rating: 48VDC max / 300VAC max
Bus Material: Tin-Plated Copper
Base Material: ABS

**BSS2304** 5 x 8-32 Screw Terminals

**BSS2305** 4 x 10-24 Stud Terminals

**BSS2306** 6 x 8-32 Stud Term. 100A DC Grounding Busbar

**BSS2713** Cover For MiniBus 2304 and 2305

**BSS2314** 5 x 8-32 Screw Terminals with cover

**BSS2315** 4 x 10-24 Stud Terminals with cover

BLUE SEA SYSTEMS

## 150A COMMON BUSBARS

The industry standard bus for hot distribution or negative collection circuits

Continuous Amperage: 150A DC max.
Voltage Rating: 48V DC Max
Bus Material: Tin-Plated Brass
Base Material: Nylon Reinforced

**BSS2300** 10 x 8-32 Screw Terminals with cover

**BSS2301** 10 x 8-32 Screw Terminals

**BSS2302** 20 x 8-32 Screw Terminals

**BSS2312** 20 x 8-32 Screw Terminals with cover

**BSS2303** 4 x 1/4" Stud Terminals

**BSS2307** 4 x 1/4" Stud Terminals with cover

**BSS2716** Cover for 2302

**BSS2715** Cover for 2301 and 2303

BLUE SEA SYSTEMS

## MAXIBUS 250A COMMON BUSBARS

Continuous Amps: 250 Amperes DC/250 Amperes AC
Voltage Rating: 48VDC maximum / 300VAC maximum
Bus Material: Tin-Plated Copper
Base Material: Lexan® Polycarbonate

| | Terminal Studs | Terminal screws |
|---|---|---|
| **BSS2105** | 2 × 5/16" -18 | 12 × #10-24 |
| **BSS2106** | 4 x 5/16" | - |
| **BSS2126** | 6 × 5/16" -18 | - |
| **BSS2127** | 4 × 5/16" -18 | - |
| **BSS2128** | 2 × 5/16" -18 | 6 × #10-24 |
| **BSS2718** | Cover for 2105 and 2126 | |
| **BSS2711** | Cover for 2106 | |

BSS2711

BSS2716

BLUE SEA SYSTEMS

## POWERBAR 600A COMMON BUSBARS

Continuous Amps: 600 Amperes DC/545 Amperes AC
Voltage Rating: 48VDC maximum / 300VAC maximum
Bus Material: Tin-Plated CDA110 Copper
Base Material: GE Lexan® Polycarbonate

**BSS2104** Four 3/8" studs and four 8-32 screws

**BSS2107** 8 x 3/8-16 stud terminal and four 8-32 screws

**BSS2708** Cover Connector Power Bar

BLUE SEA SYSTEMS

## DUAL POWERPOST CABLE CONNECTORS

- 2016/2017 are designed for connecting high amp conductors
- 2018 is designed for outboard engine installation when factory cables need to be extended
- Includes one black and one red insulator

Max voltage: 48VDC

| | |
|---|---|
| **BSS2016** | *2 x 5/16" terminal studs* |
| **BSS2017** | 2 x 3/8" terminal studs |
| **BSS2018** | 1 x 5/16", 1 x 3/8" terminal studs |

BLUE SEA SYSTEMS

## POWERBAR COMMON BUSBAR

| | |
|---|---|
| Continuous Rating: | 600 Amps |
| Voltage Rating: | 48 Volts DC |
| Bus Material: | Tin-Plated Copper |
| Terminal size: | 2 x 3/8" Terminal studs |

**BSS2019**

BLUE SEA SYSTEMS

## POWERPOST HIGH AMERAGE CABLE CONNECTORS

Connects high amperage cables securely.

Continuous Amps: Not rated - Amperage flows between terminals stacked on post and is determined by wire and terminals used
Voltage Rating: 48 Volts DC Maximum
Base Material: Reinforced Thermoplastic

| | |
|---|---|
| **BSS2010** | #10-32 x 5/8" stud |
| **BSS2001** | 1/4" x 1-1/16" Stud |
| **BSS2002** | 5/16" x 7/8" Stud |
| **BSS2003** | 3/8" x 7/8" Stud |
| **BSS2011** | 1/4" x 3/4" Stud |

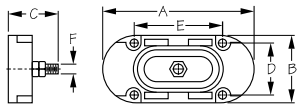
BLUE SEA SYSTEMS

## POWERPOST PLUS CABLE CONNECTOR

150 Ampere bus allows small wire connections high amperage cable connections

| | |
|---|---|
| **Continuous Amps:** | 150 amp DC/AC |
| **Voltage Rating:** | 48 Volts DC Maximum |
| **Bus Material:** | Tin-Plated Copper |
| **Base Material:** | Glass-Reinforced Nylon |
| **BSS2101** | 1/4" stud with 8 8-32 screws |
| **BSS2102** | 5/16" stud with 8 8-32 screws |
| **BSS2103** | 3/8" stud with 8 8-32 screws |

SEADOGLINE




## TERMINAL POST

Nylon/Stainless. Includes cover to meet ABYC/USCG Requirements. Max Amperage 150A / Max. Voltage 48VDC.

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| **426808** | 3-3/4" | 1-11/16" | 1-1/4" | 1-5/16" | 2-3/16" | 5/16-18 |
| **426810** | 3-3/4" | 1-11/16" | 1-1/4" | 1-5/16" | 2-3/16" | 3/8-16 |

MARINCO

## DIRECT CONNECT

- Terminate up to four electronic instruments on each set of terminals
- Comes complete with quick-connect terminals
- Positive molded in red, negative molded in black
- All one piece, no screws or parts to lose
- Cover snaps tight when closed

**12VTR**

BLUE SEA SYSTEMS

## TERMINAL FEED THROUGH STUD CONNECTORS

Perfect for passing high current through hulls, decks and bulkheads. Large cables passed through holes are subject to chafing even when protective grommeting is used. The large terminals have a mounting face that can be gasketed or bedded to provide a water tight installation.Reinforced thermoplastic. Tin-plated copper alloy studs. 48 Volts DC max.

| | | Size | Amps | Colour |
|---|---|---|---|---|
| **BSS2201** | 5/16"-18 stud | Small | 250A | Black |
| **BSS2202** | 5/16"-18 stud | Small | 250A | Red |
| **BSS2203** | 3/8"-16 stud | Small | 250A | Black |
| **BSS2204** | 3/8"-16 stud | Small | 250A | Red |
| **BSS2205** | 3/8"-16 stud | Large | 400A | Black |
| **BSS2206** | 3/8"-16 stud | Large | 400A | Red |
| **BSS2207** | 1/2"-13 stud | Large | 400A | Black |
| **BSS2208** | 1/2"-13 stud | Large | 400A | Red |

BLUE SEA SYSTEMS

## CABLECAP STUD INSULATORS

Insulate stud type connectors on alternators, starters, windlasses and other high amperage devices. PVC

| | Cable Size | Colour | Quantity |
|---|---|---|---|
| **BSS4008** | 18-10 | Red | 3 per pack |
| **BSS4009** | 18-10 | Black | 3 per pack |
| **BSS4010** | 8-4 | Red | 2 per pack |
| **BSS4011** | 8-4 | Black | 2 per pack |
| **BSS4012** | 2-2/0 | Red | 1 per pack |
| **BSS4013** | 2-2/0 | Black | 1 per pack |
| **BSS4014** | 3/0-4/0 | Red | 1 per pack |
| **BSS4015** | 3/0-4/0 | Black | 1 per pack |

BLUE SEA SYSTEMS

## STANDARD CABLECAPS

- For batteries with marine adaptor terminals added on
- Packaged as a pair, one each black and red
- PVC

| | |
|---|---|
| **BSS4005** | 4, 2, 1 cable sizes |
| **BSS4006** | 1/0, 2/0 cable sizes |

BLUE SEA SYSTEMS

## ROTATING CABLECAPS

- Top rotates 360° to allow cable entry from any angle
- For batteries with integral marine wing nut posts
- Packaged as a pair, one each black and red
- PVC

**BSS4001** All cables sizes

BLUE SEA SYSTEMS

## AUTOMOTIVE CABLECAPS

- Designed to fit standard automotive posts
- Packaged as a pair, one each black and red
- PVC

**BSS4016** 4, 2, 1 cable sizes
**BSS4017** 1/0, 2/0 cable sizes

SEADOGLINE

## BATTERY TERMINAL COVERS

Injection molded PVC

**415100** 1/2" cable entry
**415105** 5/8" cable entry

ANC260350

ANC260392

ANCOR

## BATTERY TERMINAL BOOTS

| | | Wire size | Colour |
|---|---|---|---|
| **ANC260350** | Wing nut style | 4 & 2 | black/red |
| **ANC260392** | Rotating cap | 4 & 2 | black/red |

ANCOR

## LIQUID TIGHT WIRE SEALS

- Made of nylon 6/6 flame resistant, self extinguishing Buna-N form seal
- Resistant to salt water, acids, alkalis, alcohol, oils
- Non-corrosive for use in the marine environment
- All seals exceed NEMA 4 x or 6 specs
- Provides watertight cable entries into panels and junction boxes
- UL and CSA listed
- Good underwater to 300 feet

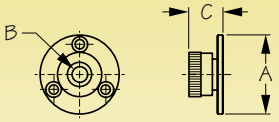
| | AWG range | Thread | Cable type |
|---|---|---|---|
| **ANC764998** | 18-10 AWG | 3/8"NPT | Round |
| **ANC765000** | 20-1 AWG | 1/2"NPT | Round |
| **ANC765004** | 1-3/0 AWG | 3/4"NPT | Round |
| **ANC765002** | 4-1 AWG, 10/2, 12/2, 14/2, 12/3, 14/3,16/3 | 1/2"NPT | Round / Flat |

ANCOR

## GROMMETS

- Provide instant abrasion resistance to wires passing through panels
- Flexible black vinyl makes installation simple

| | Size | I.D. | Width | Qty/pkg |
|---|---|---|---|---|
| **ANC760375** | 3/8" | 1/4" | 3/32" | 5 |
| **ANC760500** | 1/2" | 3/8" | 1/16" | 5 |
| **ANC750000** | 1/4"-3/4" | Astd. Combo Pack | | 45 |



SEADOGLINE

## WATERTIGHT CABLE OUTLET

Machined brass chrome plated.

| | A | B | C |
|---|---|---|---|
| **426040** | **1 1/4"** | **1/4" Cable** | **5/8"** |
| **426042** | 1 1/4" | 5/16" Cable | 5/8" |
| **426051** | 1 1/2" | 3/8" Cable | 11/16" |

BLUE SEA SYSTEMS

## CABLECLAMS

- Waterproof co-axial installation with no need to remove connectors
- Save the expense of removing and replacing connectors
- Avoid poor connections from removing factory connectors

**Body Material:** Acetal
**Seal Material:** UV-Stabilized Buna-N Rubber
**Screws:** Stainless Steel

**BSS1001** .625" opening, 1.7" od
**BSS1002** .834" opening, 1.98" od
**BSS1003** 1.396" opening, 2.49" od

ANCOR

## DRY SEAL CONNECTORS

Seals intact under harsh conditions. Resistant to chemical exposure. One piece, moulded body. Polarized against mismatches.

14 AWG Rated to 400 v AC, 15 Amps.

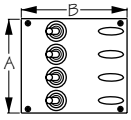
| | Cable | Colour | Description |
|---|---|---|---|
| **ANC249003** | 14/2 | Red/yellow | Two conductors |
| **ANC249007** | 14/2 | Red/yellow | Two conductors w mounting plate |

ANCOR
## QUICK CONNEX KITS & CONNECTORS
50 Amp housing, for use to 600 volts continuous AC or DC operation. Silver plated contacts ensure greater corrosion resistance. Kits include 4 connectors in 6 or 8 AWG and black, red, and yellow heatshrink tubing to complete any installation. Can be permanently affixed or easily disconnected for changing needs. Packs include 2 connectors and black, red, and yellow heatshrink tubing.

**ANC248008** With 4 x 8 AWG connectors

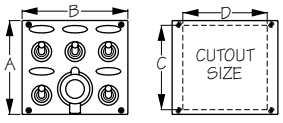
BEP
## CONTOUR GEN 2 SWITCH PANELS
- Backlit labels
- Red "systems ON" LED's
- Gaskets and seals ensure watertight operation
- Hidden mounting screws
- Joiner available for linking multiple panels

**BEPCG2-2W-F** 2 Switch
**BEPCG2-4W-F** 4 Switch
**BEPCG2-6W-F** 6 Switch



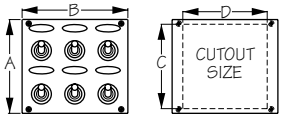
SEADOGLINE
## 4 TOGGLE SWITCH PANEL
Nylon. Toggle switch panel includes 4 switches rated at 15A 12VDC. Water resistant.

| | A | B | C | D |
|---|---|---|---|---|
| **424604** | 3-3/4" | 4-1/4" | 3-3/8" | 3-3/8" |



SEADOGLINE
## 5 TOGGLE SWITCH PANEL
Nylon. Toggle switch panel includes 5 switches rated at 15A 12VDC. Includes 12VDC power socket. Water resistant.

| | A | B | C | D |
|---|---|---|---|---|
| **424605** | 3-3/4" | 4-1/4" | 3-3/8" | 3-3/8" |



SEADOGLINE
## 6 TOGGLE SWITCH PANEL
Nylon. Toggle switch panel includes 3 switches rated at 15A 12VDC. Water resistant.

| | A | B | C | D |
|---|---|---|---|---|
| **424606** | 3-3/4" | 4-1/4" | 3-3/8" | 3-3/8" |

BEP
## SPRAY PROOF SWITCH PANEL
Label set supplied

**BEP900-4WP** 2 Switches
**BEP900-5WPS** 5 Switches with power socket
**BEP900-6WP** 6 Switches

Cole Hersee
## WEATHER RESISTANT ROCKER SWITCH
Weather resistant and rated for 25 amps at 12 volts. Supplied with snap in lenses (amber, clear, green and red). Brass blade terminals. Snap in panel mount. Panel thickness .964 to .187. Mounting dimensions 1.45"L x .83"W.

**58328-100BP**

SEADOGLINE

## LARGE ILLUMINATING ROCKER SWITCH

Stamped brass/injection molded nylon + polycarbonate.
Rated 15 Amp, 12VDC. 7/8" x 1-7/16".

| | Circuit | Action | Lens Colour |
|---|---|---|---|
| **420251** | SPST | On/Off | Red |
| **420252** | SPST | Mom. On/Off | Red |
| **420253** | DPDT | On/Off/On | Red/Yellow |
| **420254** | DPDT | Mom. On/Off/Mom. On | Red/Yellow |
| **420258** | SPDT | Mom. On/Off/On | Red/Yellow |
| **420259** | SPDT | On/Off/On | Red/Yellow |

SEADOGLINE

## LARGE ROCKER SWITCH

Stamped brass/injection molded nylon + polycarbonate. Rated 15 Amps, 12VDC. 7/8" x 1-7/16".

| | Circuit | Action |
|---|---|---|
| **420241** | SPST | On/Off |
| **420242** | SPST | Mom. On/Off |
| **420245** | SPDT | Mom. On/Off/On |
| **420248** | SPDT | On/Off/On |
| **420249** | SPDT | Mom. On/Off/Mom. On |

SEADOGLINE

## SMALL ROCKER SWITCH

Stamped brass/injection molded nylon & polycarbonate.
1/2" x 1-1/8".

| | Amps | Volts | Circuit | Action |
|---|---|---|---|---|
| **420441** | 15 | 12 | SPST | On/Off (illuminated) |
| **420443** | 15 | 12 | SPDT | On/Off/On (non illuminated) |
| **420446** | 15 | 12 | SPST | On/Off (illuminated) |

BLUE SEA SYSTEMS

## CONTURA SWITCH MOUNTING PANELS

Modular design permits easy assembly in groups of varying sizes. Mounting panels available in 1, 3 and 6 fixed position models. Designed for mounting in 6 different panel thicknesses

| | |
|---|---|
| **BSS8267** | End mounting panel |
| **BSS8266** | Centre mounting panel |
| **BSS8268** | 1 position mounting panel |
| **BSS8259** | 3 position mounting panel |
| **BSS8260** | 6 position mounting panel |
| **BSS8278** | Mounting panel plug |

BLUE SEA SYSTEMS

## WATERPROOF CONTURA SWITCHES

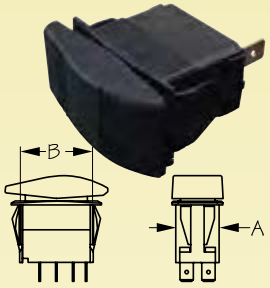
Vibration, shock, thermoshock, moisture and salt spray resistant. Specially manufactured for mounting in Blue Sea Systems' water resistant panels. Ignition Protected - Safe for installation aboard gasoline powered boats. Meets UL1500 and ISO8846 ignition protection requirements.
7/8" x 1-7/16", Rated 20A @ 12VDC

| Grey | Black | Circuit | Action | Illuminated |
|---|---|---|---|---|
| **BSS8230** | **BSS8282** | SPST | OFF-ON | Yes |
| **BSS8231** | **BSS8292** | SPST | OFF-(ON) | No |
| **BSS8232** | **BSS8283** | SPDT | ON-OFF-ON | Yes |
| **BSS8233** | **BSS8284** | SPDT | (ON)-OFF-OFF | Yes |
| **BSS8234** | **BSS8285** | SPDT | (ON)-OFF-(ON) | No |
| **BSS8218** | **BSS8287** | DPST | OFF-ON | Yes |
| **BSS8219** | **BSS8288** | DPST | OFF-(ON) | No |
| **BSS8220** | **BSS8286** | DPDT | ON-OFF-ON | Yes |
| **BSS8221** | **BSS8289** | DPDT | (ON)-OFF-ON | Yes |
| **BSS8222** | **BSS8290** | DPDT | (ON)-OFF-(ON) | No |
| **BSS8275** | | DPDT | ON-ON | Yes |

SEADOGLINE

## ILLUMINATING CONTURA SWITCHES

Stamped brass/injection molded nylon & polycarbonate.
Rated 20 Amp, 12VDC.
**A:** 13/16" **B:** 1-7/16"

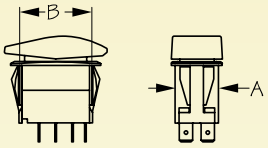



| | Circuit | Action |
|---|---|---|
| **420211** | SPST | On/Off |
| **420212** | SPST | Mom. On/Off |
| **420213** | SPDT | On/Off/On |
| **420214** | SPDT | Mom. On/Off/Mom. On |
| **420218** | DPDT | On/Off/On |
| **420219** | DPDT | Mom. On/Off/Mom. On |

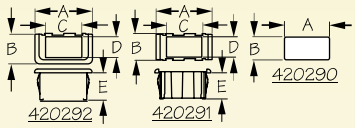
SEADOGLINE

## CONTURA SWITCH

Stamped brass/injection molded nylon & polycarbonate.
Rated 20 Amps, 12VDC. **A:** 13/16" **B:** 1-7/16"




| | Circuit | Action |
|---|---|---|
| **420201** | SPST | On/Off |
| **420202** | SPST | Mom. On/Off |
| **420203** | SPDT | On/Off/On |
| **420204** | SPDT | Mom. On/Off/Mom. On |
| **420208** | DPDT | On/Off/On |
| **420209** | DPDT | Mom. On/Off/Mom. On |



SEADOGLINE

## ROCKER SWITCH MOUNTING BRACKET

Injection molded nylon. For Standard and Contura switches.

| | Desc. | A | B | C | D | E |
|---|---|---|---|---|---|---|
| **420290** | Cover | 1-15/16" | 15/16" | | | |
| **420291** | Centre | 2-5/16" | 1-1/16" | 1-7/16" | 7/16" | 1-1/16" |
| **420292** | End | 2-5/16" | 1-1/4" | 1-7/16" | 13/16" | 1-1/16" |

BLUE SEA SYSTEMS

## WEATHERDECK™ TOGGLE SWITCHES

- Specially manufactured by Carling Technologies®
- Nickel-plated brass and phenolic non-corrosive construction

0.25" quick connect terminals.
Rated 15Amps @ 12VDC / 15Amps @ 125VAC

| | Circuit | Action |
|---|---|---|
| **BSS4150** | SPST | Off - On |
| **BSS4151** | SPST | Off - (On) |
| **BSS4152** | SPDT | On - Off - On |
| **BSS4153** | SPDT | (On) - Off - On |
| **BSS4154** | SPDT | (On) - Off - (On) |
| **BSS4155** | DPDT | On - Off - On |
| **BSS4138** | Black toggle switch waterproof boot | |

Cole Hersee

## HEAVY DUTY TOGGLE SWITCHES

25 amps, 1/4" panel thickness

| | |
|---|---|
| **5582BP** | SPST On/Off, 2 screw terminals |
| **55014BP** | SPST On/Off, 2 blade terminals |
| **5520BP** | SPST On/Off, 2 screw terminals |
| **5586BP** | SPDT On/Off, 3 screw terminals |
| **55021BP** | SPDT Mom. On/Off/Mom. On, 3 screw terminals |
| **81255BP** | Waterproof cap black |

Cole Hersee

## TOGGLE SWITCH

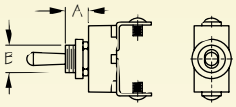
10 amps at 12 VDC

**M484BP**

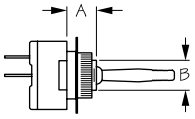
SEADOGLINE

## TOGGLE SWITCH

Stamped brass



| | Amps | A | B | Circuit | Action |
|---|---|---|---|---|---|
| **420465** | 15 | 3/8" | 3/8" | SPST | On/Off |
| **420479** | Waterproof Cap | | | | |

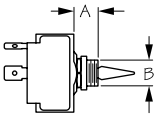



SEADOGLINE

## LONG TOGGLE SWITCH

Stamped brass/molded Bakelite.

| | A | B | Circuit | Action |
|---|---|---|---|---|
| **420460** | 7/16" | 7/16" | SPST | On/Off |




SEADOGLINE

## TOGGLE SWITCH

Stamped brass/molded Bakelite.

Water resistant. 12V, 15A

| | Circuit | Action | A | B |
|---|---|---|---|---|
| **420101** | SPST | On/Off | 3/8" | 1/2" |
| **420102** | SPST | Mom. On/Off | 3/8 | 1/2" |
| **420103** | DPDT | On/Off/On | 3/8" | 1/2" |
| **420104** | DPDT | Mom. On/Off/Mom. On | 3/8" | 1/2" |
| **420105** | SPDT | Mom. On/Off/On | 3/8" | 1/2" |
| **420108** | SPDT | On/Off/On | 3/8" | 1/2" |
| **420109** | SPDT | Mom. On/Off/Mom. On | 3/8" | 1/2" |
| **420479** | Waterproof Cap | | | |

ANCOR

## NYLON TOGGLE SWITCHES

Paddle w/ 1/4" tab, 1 per package.

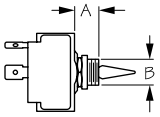
| | Description | Function |
|---|---|---|
| **ANC556010** | Single pole single throw | on-off |
| **ANC556022** | Single pole single throw | (on)-off |
| **ANC556025** | Single pole double throw | (on)-off-on |
| **ANC556028** | Single pole double throw | (on)-off-(on) |

Cole Hersee

## WEATHER RESISTANT TOGGLE SWITCHES

25 amps at 12 VDC, screw terminals

| | |
|---|---|
| **54100BP** | SPST On/Off |
| **54103BP** | SPDT On/Off |
| **54109BP** | SPST On/Off with illuminated toggles |
| **81264BP** | Weatherproof toggle boot |



SEADOGLINE

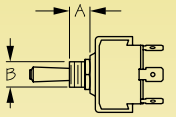
## ILLUMINATING TOGGLE SWITCH

Stamped brass/molded Bakelite. 12VDC, 15A

| | Circuit | Action | A | B |
|---|---|---|---|---|
| **420111** | SPST | On/Off | 3/8" | 1/2" |
| **420112** | SPST | Mom. On/Off | 3/8 | 1/2" |
| **420115** | SPDT | Mom. On/Off/On | 3/8" | 1/2" |
| **420118** | SPDT | On/Off/On | 3/8" | 1/2" |
| **420119** | SPDT | Mom. On/Off/Mom. On | 3/8" | 1/2" |

SEADOGLINE

## LIGHT TIP TOGGLE SWITCH



Stamped brass/molded Bakelite. 12VDC, 15A

| | Circuit | Action | A | B |
|---|---|---|---|---|
| **420121** | SPST | On/Off | 3/8" | 1/2" |
| **420122** | SPST | Mom. On/Off | 3/8" | 1/2" |
| **420123** | SPDT | On/Off/On | 3/8" | 1/2" |
| **420124** | SPDT | Mom. On/Off/Mom. On | 3/8" | 1/2" |
| **420125** | SPDT | Mom. On/Off/On | 3/8" | 1/2" |
| **420128** | DPDT | On/Off/On | 3/8" | 1/2" |
| **420129** | DPDT | Mom. On/Off/Mom. On | 3/8" | 1/2" |

BLUE SEA SYSTEMS

## PANEL SWITCH

- For applications such as starters, bilge pumps, horns, wipers and engine controls where switching, separate from circuit protection, is required
- All panel switches mount in Blue Sea Systems toggle type circuit breaker panels
- Supplied with mounting adapter for standard 5/8" circuit breaker mounting hole
- Nickel-plated brass and phenolic non-corrosive construction

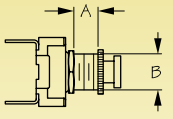
Rating: 15Amps @ 12VDC / 15Amps @ 125VAC

| | Type | Circuit | Action |
|---|---|---|---|
| **BSS8200** | push button | SPST | OFF-(ON) |
| **BSS8204** | toggle | SPST | OFF-ON |
| **BSS8205** | toggle | SPST | OFF-(ON) |
| **BSS8206** | toggle | SPDT | ON-OFF-ON |
| **BSS8207** | toggle | SPDT | (ON)-OFF-ON |
| **BSS8208** | toggle | SPDT | (ON)-OFF-(ON) |
| **BSS8209** | toggle | SPDT | OFF-ON-(ON)* |
| **BSS8210** | toggle | DPST | OFF-ON |
| **BSS8211** | toggle | DPDT | ON-OFF-ON |
| **BSS8212** | toggle | DPDT | (ON)-OFF-ON |

* Progressive Two Circuit Switch — maintains circuit one while momentarily selecting circuit two.

SEADOGLINE

## HORN BUTTON

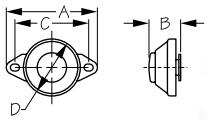


Nylon/phenolic and chrome plated brass

| | Amps | Colour | A | B |
|---|---|---|---|---|
| **420415** | 15 | Red | 5/16" | 1/2" |
| **420416** | 15 | Black | 5/16" | 1/2" |

SEADOGLINE

## HORN BUTTON



Brass chrome plated

| | A | B | C | D |
|---|---|---|---|---|
| **420429** | 2-9/16" | 7/8" | 2-1/8" | 1-5/8" |

SEADOGLINE

## PUSH BUTTON SWITCH WITH CAP

Polypropylene. Fits up to 1-1/8" panel. 5/8" stem diameter. 15 amps. Mom. On/Off.

**420427**

SEADOGLINE

## MOMENTARY PUSH BUTTON SWITCH

Stamped brass, fits up to 1" panel, 5/8" stem diameter

| | Amps | Cap colour |
|---|---|---|
| **420420** | 15 | No cap |
| **420421** | 15 | Black |
| **420422** | 15 | Red |
| **420424** | cap | Black |
| **420425** | cap | Red |

Cole Hersee

## HEAVY DUTY MOMENTARY PUSH BUTTON SWITCHES

Brass stem, 5/8", fits panels 1" thick. 15Amp rating.

**M490BP**

**M626BP** With rubber cap

**M612BP** With recessed plunger

**M485BP** Fits panels 3/4" thick

Cole Hersee

## WEATHERPROOF CAPS

Fit switches with 5/8"-32 thread mounting stem

**83280-02** Red cap

**83280-03** Black cap

SEADOGLINE

## SPLASH GARDE HORN SWITCH

PVC coating protects terminals and switch from water. Not designed for immersion. 15 amps. 13/16" x 5/8".

**420426**

Cole Hersee

## PLASTICIZED MOMENTARY SWITCH

10 amps. Two 12" long 18 gauge wire leads, brass stem.

**M608BP**

Cole Hersee

## HEAVY-DUTY PUSH BUTTON SWITCH

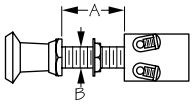
35Amp, 12VDC with brown rubber cap. For panels up to 1/4", 5/8" Dia. mounting hole.

**90030BP**

SEADOGLINE

## TWO POSITION ON-OFF PUSH-PULL SWITCH

Stamped brass



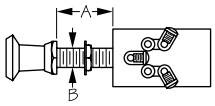

| | A | B | Amps |
|---|---|---|---|
| **420390** | 1" | 3/8" | 15 |

SEADOGLINE

## SPLASH GARDE ON-OFF PUSH-PULL SWITCH

PVC coating protects terminals and switch from water. Not designed for immersion.
15 amps. 7/8" x 3/8".

**420396**

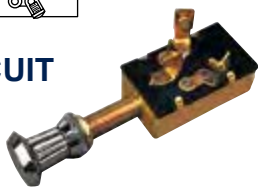


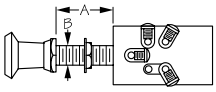

SEADOGLINE

## THREE POSITION ONE CIRCUIT PUSH-PULL SWITCH

Stamped brass

| | A | B | Amps |
|---|---|---|---|
| **420410** | 1" | 3/8" | 15 |



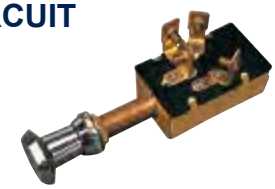



SEADOGLINE

## THREE POSITION TWO CIRCUIT PUSH-PULL SWITCH

Stamped brass

| | A | B | Amps |
|---|---|---|---|
| **420400** | 1" | 3/8" | 15 |



Cole Hersee

## HEAVY DUTY PLASTICIZED PUSH-PULL SWITCH

One circuit, SPST, 10 amps at 12 volts. 5/8" panel thickness.

**M606BP**

Cole Hersee

## HEAVY DUTY SWITCH

One circuit, SPST, 10 amps at 12 VDC. 3/4" panel thickness.

**M482BP**

Cole Hersee

## HEAVY DUTY TWO CIRCUIT, SPDT, ON-ON PUSH-PULL SWITCH

10 amps at 12 volts. 1" panel thickness.

**M630BP**

Cole Hersee

## HEAVY DUTY TWO CIRCUIT, SINGLE POLE, OFF-ON1-ON 2 PUSH-PULL SWITCH

10 amps at 12 volts. 1" panel thickness.

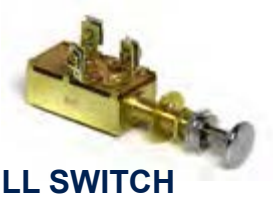
**M531BP**

Cole Hersee

## HEAVY DUTY TWO CIRCUIT, SPST, OFF-ON PUSH-PULL SWITCH

10 amps at 12 volts. 1" panel thickness.

**M527BP**



SEADOGLINE

## THREE POSITION IGNITION SWITCH

Polypropylene. 13/16" mounting hole

| | Action | Panel | Terminal | Cap |
|---|---|---|---|---|
| **420360** | Off-Ignition-Start | 1-1/8" | Screw-3 | No |
| **420361** | Off-Ignition-Start | 5/8" | Screw-3 | No |
| **420365** | Off-Ignition-Start | 1-1/8" | Screw-3 | Yes |
| **420366** | Off-Ignition-Start | 5/8" | Screw-3 | Yes |

SEADOGLINE

## THREE POSITION IGNITION SWITCH MAGNETO STYLE

Polypropylene. Off-Ignition-Start, 6-screw terminals. Mounting hole 13/16". Max. panel 1-1/8" . No cap.

**420369**

Cole Hersee

## THREE POSITION IGNITION SWITCH

6-36VDC. Three nickel-silver screw terminals. Durable plastic case and stem with PVC boot for added weather protection. Mounting stem fits panels up to 7/8" thick with 7/8"Dia. hole.

**M850BP**

SEADOGLINE

## THREE POSITION IGNITION SWITCH MAGNETO STYLE

Polypropylene. Push to choke. Mounting hole 13/16". Max panel 5/8".

| | Action | Terminal | Cap |
|---|---|---|---|
| **420381** | Off-Ign.-Start-Choke | Screw-6 | No |
| **420382** | Off-Ign.-Start-Choke | Boss-6 | No |
| **420383** | Off-Ign.-Start-Choke | Wire-6 | No |

SEADOGLINE

## FOUR POSITION IGNITION SWITCH

Polypropylene. Mounting hole 13/16". Max. panel 1-1/8".

| | Action | Terminal | Cap |
|---|---|---|---|
| **420375** | Acc.-Off-Ignition-Start | Screw-4 | Yes |
| **420379** | Acc.-Off-Ignition-Start | Blade-4 | No |

SEADOGLINE

## FOUR POSITION IGNITION SWITCH MAGNETO STYLE

Polypropylene. Mounting hole 13/16". Max. panel 5/8".

| | Action | Terminal | Cap |
|---|---|---|---|
| **420385** | Acc.-Off-Ign.-Start-Choke | Screw-7 | No |
| **420386** | Acc.-Off-Ign.-Start-Choke | Boss-7 | No |

SEADOGLINE

## THREE POSITION IGNITION SWITCH

Brass. 13/16" mounting hole.

| | Action | Panel | Terminal | Cap |
|---|---|---|---|---|
| **420350** | Off-Ignition-Start | 1-1/8" | Screw-3 | No |
| **420355** | Off-Ignition-Start | 1-1/8" | Screw-3 | Yes |

SEADOGLINE

## THREE POSITION IGNITION SWITCH MAGNETO STYLE

Brass. Off-Ignition-Start. 13/16" mounting hole. 1-1/8" max panel. 5-screw terminal, no cap.

**420351**

Cole Hersee

## THREE POSITION IGNITION SWITCH

Off, ignition and start. Three brass screw terminals. Brass mounting stem, 13/16", 1-7/32" long, fits panels up through 1" thick.

**M550BP**

SEADOGLINE

## FOUR POSITION IGNITION SWITCH

Brass. Acc.-Off-Ignition-Start. 13/16" mounting hole. 1-1/8" max panel. 4-Screw terminal, no cap.

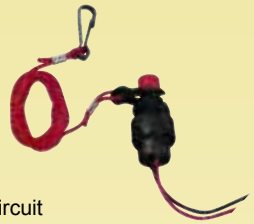
**420356**

SEADOGLINE

## KILL SWITCH UNIVERSAL WITH LANYARD

Stamped brass/injection molded nylon and Delrin. Dual circuitry allows kill switch to be wired for either ignition kill or magneto kill depending on the application.

**420498** Switch with lanyard
**420499** Lanyard only



SEADOGLINE

## SAFETY TETHER KILL SWITCHES

Stamped brass/injection molded nylon and Delrin.

**420486** Magneto, normally open circuit
**420487** Ignition, normally closed circuit

SEADOGLINE

## UNIVERSAL KILL SWITCH

Stamped brass/injection molded nylon and Delrin. Dual circuitry allows kill switch to be wired for either ignition kill or magneto kill depending on the application.

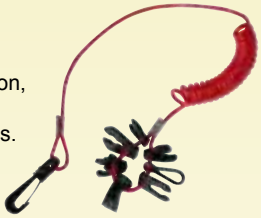
**420488** Universal kill style
**420489** Lanyard only

SEADOGLINE

## KILL SWITCH 7 KEY UNIVERSAL LANYARD

7 Key Lanyard fits Johnson, Evinrude, Mercury, Yamaha, Honda, Tohatsu, Suzuki and Nissan kill switches.

**420495**



Kwik Tek

## KILL SWITCH KEYS WITH LANYARD

This lanyard has 7 keys to fit all Johnson, Evinrude, Mercury, Yamaha, Suzuki, Honda and Nissan/Tohatsu kill switches.

**KWIBKS-6**

Kwik Tek

## KILL SWITCH KEYS WITH LANYARD

4 keys to fit: Sea Doo, Yamaha, Kawasaki, Honda, Polaris, Tiger Shark and Wet Jet. Stainless key ring, swivel snap, floating detachable wrist band, floating vest lanyard & pea-less whistle.

**KWIUL-1** Purple/Yellow
**KWIUL-2** Red/Black
**KWIUL-3** Blue/Silver

BLUE SEA SYSTEMS

## BATTERY SWITCHES

- Tin-plated copper studs for maximum conductivity and corrosion resistance
- 7/8" stud length accepts multiple cable terminals
- Blue Sea Systems one-piece terminal stud design never loosens over time
- Case design allows surface or rear panel mounting options
- Fits most Perko and Guest low amperage battery switch hole patterns
- Label with international legends
- Tactile indicator conveys knob position by feel

• **Models with AFD:** Alternator Field Disconnect (AFD) protects the diodes in the alternator in the event of the switch being switched to the OFF position while the engine is running.

### DUAL CIRCUIT™

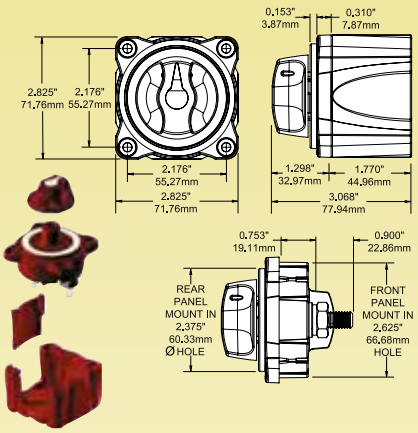
**APPLICATIONS:**

1. Switches both positive and negative lines simultaneously with one simple ON/OFF switch to meet European and metal boat requirements for a double pole switch.
2. Switches circuits of different voltages, such as 12 Volt and 24 Volt, simultaneously with one simple ON/OFF switch.

### DUAL CIRCUIT PLUS™

**APPLICATIONS:**

1. Switches two battery banks simultaneously with one simple ON/OFF switch while maintaining battery bank isolation, minimizing the risk of a dead start battery.
2. The COMBINE BATTERIES function offers the ability to combine two battery banks in the event of a low battery.



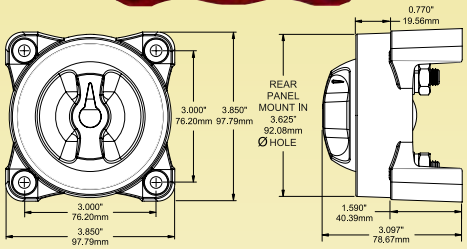

BLUE SEA SYSTEMS

## M-SERIES MINI BATTERY SWITCHES

Isolating cover with three snap-in side pieces protects rear contacts and allows wire access in any direction.

| | 6005-6007 | 6010-6011 |
|---|---|---|
| Cranking Rating: | 1500A DC | 1000A DC |
| Continuous Duty Rating: | 300A DC | 300A DC |
| Terminal Stud: | 3/8" | 3/8" |
| Cable Size to Meet Ratings: | 4/0 | 4/0 |
| Voltage Rating: | 48 VDC Max. | 32VDC Max. |

| | |
|---|---|
| **BSS6005** | Single circuit ON/OFF (removable key) |
| **BSS6006** | Single circuit ON/OFF (removable knob) |
| **BSS6007** | 4 position selector |
| **BSS6007200** | 4 position selector (Black) |
| **BSS6011** | Dual circuit ON/OFF |
| **BSS6011200** | Dual circuit ON/OFF (Black) |
| **BSS7900** | Spare key for 6005 |
| **BSS6010** | Dual Circuit™ (see top of page for applications) |
| **BSS6011** | Dual Circuit Plus™ (see top of page for applications) |

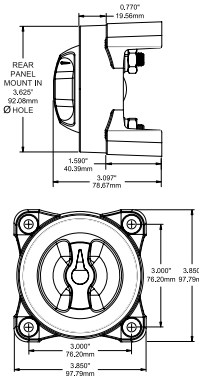



BLUE SEA SYSTEMS

## E-SERIES BATTERY SWITCHES

| | 9001e, 9004e | 5510e, 5511e |
|---|---|---|
| Cranking Rating: | 2000A DC | 1000A DC |
| Continuous Rating: | 350A DC | 350A DC |
| Voltage Rating: | 48 VDC Max | 32 VDC Max |
| Terminal Stud: | 3/8" | 3/8" |

| | |
|---|---|
| **BSS9001E** | 4 Position selector |
| **BSS9002E** | 4 Position selector with ADF |
| **BSS9003E** | ON/OFF selector |
| **BSS9004E** | ON/OFF selector with AFD |
| **BSS9001E200** | 4 Position selector (Black) |
| **BSS5510E** | Dual Circuit™ (see top of page for applications) |
| **BSS5511E** | Dual Circuit Plus™ (see top of page for applications) |
| **BSS5511E200** | Dual Circuit Plus™ (Black) (see top of page for applications) |




BLUE SEA SYSTEMS

## HEAVY DUTY BATTERY SWITCHES

Up to 600 Ampere Continuous Rating for large diesel engines. 48 Volts DC max.Cable clearance for 4/0 cables 1.10".

| | 3000-3001 | 3002-3003 |
|---|---|---|
| Continuous rating: | 600A DC | 500A DC |
| Voltage Rating: | 48 VDC Max | 48 VDC Max |
| Terminal Stud: | 1/2" | 1/2" |

| | |
|---|---|
| **BSS3000** | Single circuit On/Off |
| **BSS3001** | Single circuit On/Off, with AFD |
| **BSS3002** | 4 position Selector |
| **BSS3003** | 4 position Selector, with AFD |
| **BSS11003** | 3 position Selector, with AFD |

BEP
## MINI BATTERY SELECTOR SWITCH
The most compact selector switch available on the market. Removable side plates and back cover.

Continuous Rating: 200 Amps DC
Cranking Rating: 1000 Amps DC
Voltage Rating: 48 Volts DC
Operation: 1 - 2 - Both - Off
Dimensions: 2.75" x 2.75" x 3"H

**BEP701S**

BEP
## EASYFIT BATTERY SWITCH
Threaded collar allows the switch to be mounted through various thicknesses of panel. Removable key. Labelled handle for clear identification of switch. Removable rear cover conceals exposed terminals in order to comply with ABYC.

Continuous Rating: 275 Amps DC
Cranking Rating: 1250 Amps DC
Voltage Rating: 48 Volts DC
Operation: On/Off

**BEP700**

BEP
## CONTOUR BATTERY ON/OFF MASTER SWITCH
Contour lock system, allows it to be a stand alone unit, or locked together with other switches. The 701 also features a control knob which can be removed by switching to an anti-clockwise 45º position. Tin plated copper studs and nuts. Supplied with a removable rear cover. Can be either surface or recess mounted by cutting a 2 1/16" (52mm) hole.

Continuous Rating: 275 Amps DC
Cranking Rating: 1250 Amps DC
Voltage rating: 48 Volts DC
Dimensions: 2.75" x 2.75" x 3"H

**BEP701**

BEP
## CONTOUR HEAVY DUTY ON/ OFF BATTERY SWITCH
Switch can be locked using 6mm padlock with 75mm reach.

Continuous Rating: 600 Amps DC
Cranking Rating: 2500 Amps DC
Voltage Rating: 48 Volts DC
Mounting: Recessed or Surface
Dimensions: 4" x 4" x 3.5"H

**BEP720**

PERKO
## COMPACT BATTERY SELECTOR & MAIN DISCONNECT SWITCHES
- Popular 90° easy to identify position rotation
- Conductivity equal to or greater than popular 8500 series switches
- Same bolt patterns as 8500 series

350Amp continuous, 450Amp intermittent rating

**8511-DP** 4 position selector
**8512-DP** 4 position selector with lock
**9611-DP** On/Off selector

PERKO
## BATTERY SELECTOR SWITCHES
- Ignition protected
- Surface mount
- For use with systems under 50 volts
- For use with 2 + batteries and single, or dual engine systems (two switches required).

5-1/4" Diameter x 2-5/8" Deep
**250 amps continuous, 360 amps intermittent rating.**

**8501-DP** Standard
**8502-DP** with Keylock
**8503-DP** Standard with alternator field disconnect
**8504-DP** with Keylock and alternator field disconnect

PERKO
## MAIN BATTERY SWITCH
These units are the same basic design and construction as Perko's 8500 series, except they are offered as main disconnect switches. For use with systems under 50 volts.
5-1/4" Dia. x 2-5/8"Deep
**250 amps continuous, 360 amps intermittent rating.**

**9601-DP** Standard
**9602-DP** w/ Keylock
**9603-DP** w/ Alternator Field Disconnect

PERKO
## HEAVY DUTY BATTERY SELECTOR SWITCH
- Capacity: 380 amps continuous, 850 amps intermittent (5 minutes on/5 minutes off)
- For use with two or more batteries and single or dual engines
- Alternator field disconnect to prevent damage to alternator if accidentally switched to the "OFF" position while engine is running
- 1/2 inch diameter brass battery terminals
- For use with systems under 50 Volts

**8603-DP** 5-1/4"H x 5-1/4"W x 3-3/8"D

PERKO

## HEAVY DUTY BATTERY DISCONNECT SWITCH

- Capacity: 450 amps continuous
- For use with systems under 50 volts
- 1200 Amps intermittent (15 seconds on, 5 minutes off)

**9703-DP**

Hella marine

## BATTERY SWITCH

Seawater resistant, water and dust-proof according to IPX 4 (DIN 40050).

**Housing:** Black, plastic
**Key:** Red, plastic
**Max. Load:** 1000 A at 12 V (10 sec.)
500 A at 24 V (10 sec.)

**87181**
**87185** Spare key

Cole Hersee

## DUAL BATTERY SELECTOR AND MASTER DISCONNECT SWITCHES

310 amps continuous, 500 amps intermittent

**M750BP**

Hella marine

## HEAVY DUTY BATTERY SWITCH

For high loads, water and dust-proof according to IPX 2 (DIN 40050).

Housing: Black, plastic
Mounting key and plate: Steel
Max. Load: 5000 A at 12 V (10 sec.)
2500 A at 24 V (10 sec.)

**001559001**

GUEST

## EXTRA HEAVY DUTY ON / OFF SWITCH

Extra heavy duty version of the 2303A designed for maximum service. Rating 600 amps continuous, 1000 amps momentary starting with field disconnect. 5-1/2" square.

**2304A**

Cole Hersee

## MASTER DISCONNECT SWITCHES

175 amps continuous, 800 amps intermittent, 15 seconds on, 5 minutes off
Mounting stem: brass, 3/4" Dia.
3/8" copper studs with silver laminated contacts

**M284BP** 5/16" max panel thickness

SEADOGLINE

## BATTERY SWITCH WITH KNOB

Injection molded nylon/machined brass. Off/1/Both/2 positions. 300 amps.

**422760**

SEADOGLINE

## BATTERY SWITCH

Machined brass/molded bakelite. Not UL listed.
5" x 1-7/8", 210 Amps

**422750**

BEP

## TWIN ENGINES, TWO BATTERY BANKS BATTERY BANK CLUSTER

The 715-S is designed for systems with twin engines and 2 banks of batteries. The house loads can be switched between port and starboard battery. The selector switch can also be used to parallel the batteries when in both positions.

Dimensions 8.2"L x 2.7"W x 3"H

**BEP715-S**

BLUE SEA SYSTEMS

## DUAL BATTERY MAIN DISTRIBUTION PANELS

- Each panel can be mounted in four different configurations
- Isolates the Start circuit from the House circuit
- Simplifies battery switch operation
- Protects electronics from sags and spikes caused by engine cranking
- Discharges batteries independently
- Addition of an Automatic Charging Relay automates charging both batteries
- Allows emergency cross connect between separate engine battery banks
- Provides main DC circuit protection in addition to high ampere loads
- Provides 24 hour circuit protection
- Includes 4218 - set of 30 common DC labels
- 12-24 Volts DC
- House circuit protection: 100 amperes DC

| | 8686 | 8687 | 8690 | 8691 |
|---|---|---|---|---|
| Inrush rating: | 1200A DC | 1500A DC | 1500A DC | 1750A DC |
| Cranking rating: | 500A DC | 700A DC | 600A DC | 900A DC |
| Intermittent rating: | 300A DC | 500A DC | 450A DC | 600A DC |
| Continuous rating: | 200A DC | 300A DC | 300A DC | 350A DC |

**BSS8686** M-Series, dual circuit plus
**BSS8687** M-Series, selector
**BSS8690** E-Series, dual circuit plus
**BSS8691** E-Series, selector

BLUE SEA SYSTEMS

## TRIPLE BATTERY DISTRIBUTION PANELS

- Simplifies battery switch operation
- Discharges batteries independently
- Designed for twin engine configurations
- Isolates the Start circuit from the House circuit
- Protects electronics from sags and spikes caused by engine cranking
- Allows emergency cross connect between separate battery banks
- Includes 4218 - set of 30 common DC labels

| | |
|---|---|
| Cranking rating: | 500A DC |
| Continuous rating: | 200A DC |
| House circuit protection: | 100A DC |

**BSS8689** Triple-Battery M-Series, Dual Circuit Plus
**BSS8693** Triple-Battery E-Series, Dual Circuit Plus

BLUE SEA SYSTEMS

## SINGLE CIRCUIT MINI BATTERY SWITCH PANELS

Enables a failed House or Start battery bank to be isolated from the electrical system and both House and Start loads to be operated from the remaining battery bank.

- Isolates Start circuit from House circuit
- Simplifies battery switch operation
- Protects electronics from sags and spikes caused by engine cranking
- Discharges batteries independently
- Automatic Charging Relay automates charging both batteries
- Ignition protected - Safe for installation aboard gasoline powered boats

| | |
|---|---|
| Cranking rating: | 700A DC |
| Intermittent rating: | 500A DC |
| Continuous rating: | 300A DC |
| Voltage: | 48VDC Maximum |

**BSS8280** Single circuit On/Off, 6.25"W x 7.50"H
**BSS8370** Single circuit On/Off, 9.50"W x 3.75"H

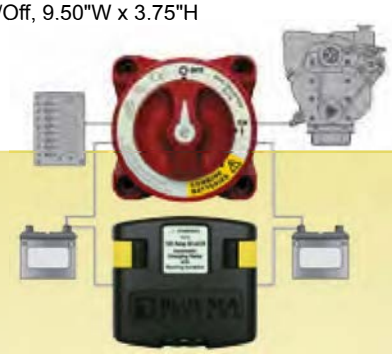
BLUE SEA SYSTEMS

## PARALLEL CIRCUIT MINI BATTERY SWITCH PLUS MAIN PANEL

- Ignition protected
- Isolates the Start circuit from the House circuit
- Protects electronics from sags and spikes caused by engine cranking
- Discharges batteries independently
- Provides main circuit protection for DC House power system

| | |
|---|---|
| Cranking rating: | 700A DC |
| Continuous rating: | 300A DC |
| Voltage: | 48VDC maximum |
| House circuit protection: | 100A DC |
| Dimensions: | 5.25"W x 6.50"H |

**BSS8080**



BLUE SEA SYSTEMS

## ADD A BATTERY DUAL CIRCUIT SYSTEM

System includes:
5511e, Dual Circuit Plus™ Battery Switch

- Simplifies switching
- Isolates engine and house circuits
- Combines batteries for emergency starting

7610, 120 Amp SI (Starting Isolation) Automatic Charging Relay

- Automatically combines batteries during charging
- Isolates batteries when discharging and starting engines

**BSS7650**

BEP
## SINGLE ENGINE, TWO BATTERY BANK CLUSTER

Ensures you will always have a fully charged reserve battery. When the switch is in position 1 it becomes the sensing battery for the VSR. Battery 2, which is in isolation, will be charged via the VSR when the engine is running, ensuring it is always fully charged. When the switch is in battery 2 position this becomes the sensing battery and battery 1 is charged via the VSR.

**BEP714-100A**

BEP
## SINGLE ENGINE VSR BATTERY DISTRIBUTION CLUSTER (SQUARE)

Can be used in the following systems:
1. Single outboard without auxilliary charge output.
2. Single alternator inboard engine without high performance battery sensed regulator.

System supplied with 125 Amp Voltage sensitive relay.

**BEP716-SQ-100A**

BEP
## BATTERY DISTRIBUTION CLUSTER WITH TWIN VSRS

This system is designed for twin outboard installations using outboards without auxilliary outputs. It will allow the port engine to charge the port start battery and the house battery when the port VSR is engaged (refer VSR spec for operation of VSR). It will also allow the starboard engine to charge the starboard start battery and the house battery when the starboard VSR is engaged, giving a combined charge from two outboards into the house battery until the voltage regulators on both engines control the charge. It will also allow the house battery to be charged if steaming on one engine.

**BEP717-100A**

BEP
## HIGH CURRENT REMOTE OPERATED VSR BATTERY SWITCH

Dual Battery Sensing: can be operated through a momentary button on the dash and will instigate a preset time of 10 minutes. Once this 10 minutes has passed, if the voltage is up high enough for the voltage sensitive relay to operate, it will stay engaged. If not, it will disengage. Engine run sensing: VSS will engage when the voltage on either start or house battery reaches 13.7 volts. If the combined battery voltage drops below 13.0 volts and the engine is not running, after 5 seconds the contacts will open and stay open until the start or house battery voltage is greater than 13.7 volts. If the combined battery voltage drops below 12.2 volts and the engine is running, after 5 minutes the contacts will open and stay open until the start or house battery voltage is greater than 13.7 volts. If voltage drops below 13 volts and stays above12.2 volts on either start or house battery while engine is running, the VSS will stay engaged. Ignition protected.

| | |
|---|---|
| Continuous Rating: | 275 Amps DC |
| Intermittent Rating: | 455 Amps DC |
| Cranking Rating: | 1250 Amps DC |
| Voltage Rating: | 8-15 Volts DC |
| Stud size: | 2 x 3/8" |
| Dimensions: | 2.7"L x 2.7"W x 4"H |

**BEP701-MDVS**

BLUE SEA SYSTEMS
## ML-SERIES HEAVY-DUTY REMOTE BATTERY SWITCHES

- Includes ML-Series Remote Control Contura Switch 2145
- Manual control switch provides an added level of safety allowing control with or without power, and offering "Locked Off" capability for servicing
- 300 Ampere continuous rating for use as a remote battery switch for inboard gasoline or diesel engines, reducing long cable runs
- Magnetic latching draws no current in "ON" or "OFF" state, only draws current when changing state of switch
- Silver alloy contacts provides high reliability for switching live loads
- Manual switch provides an added level of safety, allowing control with or without power, and offering lockout capability for servicing
- 3/8"-16 Tinned copper studs
- Waterproof

| | |
|---|---|
| Cranking Rating: | 700A DC |
| Continuous Rating: | 500A DC |
| Maximum Voltage Rating: | 32VDC |

| | |
|---|---|
| **BSS7700** | ML switch with manual control 12V DC |
| **BSS7701** | ML switch 12V DC |
| **BSS7703** | ML switch 24V DC |
| **BSS2145** | Remote Contura switch |

BLUE SEA SYSTEMS

## L-SERIES ELECTRONIC SWITCH

- Hermetically sealed / Waterproof / Vapourproof (UL 1500)
- Pulse circuit requires very low current draw when contact is closed
- Used as a manual battery paralleling switch
- Integrated coil control minimizes heating and amperage draw

Input voltage: 9-36V DC
Power consumption: Inrush max, 130 ms 3.80 A @ 12-36V
holding 0.13 A @ 12V, 0.07 @ 24V
Contact Form: SPST-NO
Cranking Rating: 500A
Continuous Rating: 250A
Mechanical Life: 1,000,000

**BSS9012**

Cole Hersee

## CONTINUOUS DUTY SOLENOIDS

Copper ignition and ground terminals,
plated steel housings,
copper contact terminals, 5/16"-24 thread.

**24059-08BP** 65AContinuous duty
**24200** 110A Continuous duty
**M200BP** 750A(make), 100A(break) Intermittent duty

BLUE SEA SYSTEMS

## SI-SERIES AUTO CHARGING RELAY

Allows temporary isolation of house loads from engine circuit during engine cranking to protect sensitive electronics. Automatically combines battery banks during the charging cycle and isolates under discharge.

- Continuous rating 120 amps
- 12/24 Volt auto ranging voltage input
- Hermetically sealed contacts/vaporproof
- Waterproof rated IP67 - temporary immersion for 30 minutes
- Ignition protected - safe for installation aboard gasoline powered boats
- Remote LED output indicates relay state away from ACR

**BSS7610**

BEP

## VOLTAGE SENSITIVE RELAY

Modern charging systems must be able to safely charge two or more different types of batteries from one engine. Now, thanks to BEP's unique VSR (Voltage Sensitive Relay) boat owners can enjoy the benefits of fully charged engine starting batteries and deep cycle house batteries with one easy to install charging system.
For use on 12V charging systems up to 125amps

**BEP710-125A**

victron energy

## CYRIX-I 12/24V 100AMP BATTERY COMBINER

A microprocessor controlled heavy duty relay that automatically connects batteries in parallel when one of them has reached a preset voltage (indicating that the battery is being charged), and disconnects when the voltage decreases below float level (indicating that one or more batteries are being discharged). Can be engaged with a switch to connect batteries in parallel. No voltage loss.
Voltage: 12/24VDC
Max Amps: 100A

**CYR010100000**

BLUE SEA SYSTEMS

## ML-SERIES HEAVY-DUTY AUTOMATIC CHARGING RELAY

- Includes ML-Series Remote Control Contura Switch PN 2146
- Start Isolation (SI)-Can be configured for temporary isolation of House loads from Engine circuit during engine cranking to protect sensitive electronics
- Engine Isolation (EI)-Can be configured for isolation of two engines while both are running to protect engine electronics and maximize alternator output
- LED output to remotely indicate
- 3/8"-16 tin-plated copper studs
- Waterproof

Cranking Rating: 700A DC
Continuous Rating: 500A DC

**BSS7620** ML-Relay 12V DC
**BSS7621** ML-Relay 24V DC
**BSS7622** ML-Relay 12V DC w/ manual override
**BSS7623** ML-Relay 24V DC w/ manual override
**BSS2146** Remote Contura switch

ProMariner

## MARINE BATTERY ISOLATORS

Rated for use with DC devices that range from 10 amps to 130 amps output, and will operate on 6, 12, 24 and 32 volt negative ground systems. These solid state devices allow electrical current to flow from your DC source to the batteries in one direction only. This allows one or two devices to charge multiple battery banks without the banks being connected (DC devices ie: Alternators, Generators, Battery Chargers).

NOTE: All isolators impose a .6 volt drop in the circuit. Contact your marine electrician or Professional Mariner if you feel this may cause a problem in your system.

| | | |
|---|---|---|
| **1-70-2** | 1 Alt. / 2Batt. | 70 Amp |
| **1-70-3** | 1Alt. / 3 Batt. | 70 Amp |
| **2-70-2** | 2 Alt. / 2 Batt. | 70 Amp |
| **2-70-3** | 2 Alt. / 3 Batt. | 70 Amp |
| **1-130-2** | 1 Alt. / 2 Batt. | 130 Amp |
| **1-130-3** | 1 Alt. / 3 Batt. | 130 Amp |
| **2-130-2** | 2 Alt. / 2 Batt. | 130 Amp |
| **2-130-3** | 2 Alt. / 3 Batt. | 130 Amp |

Cole Hersee

## BATTERY ISOLATORS

Isolate batteries to prevent the battery with the higher charge from draining into the battery with the lower charge. Allow two batteries to be charged simultaneously from a single power source. Contains solid state circuitry embedded in the insulation for efficient heat dissipation. Wiring instructions included.

| | |
|---|---|
| **48080** | 42 amp max |
| **48070** | 70 amp max |
| **48090** | 90 amp max |
| **48120** | 140 amp max |
| **48160** | 200 amp max |

BALMAR

## MAX CHARGE REGULATOR

The most advanced regulator available!
- 7-Selectable charging programs
- Alternator & battery (2) temp. sensing
- Alpha-numeric LED display
- Fully potted circuitry
- User Adjustable advanced programing

Typically, more than 70% of the energy put into battery banks is generated while away from the dock. That's why it's essential to control your engine's alternator with the smartest, most powerful voltage regulator available. 12-volt and 24-volt Max Charge regulators provide the ultimate combination of programmability, and built-in charging intelligence to keep your batteries at their best. Add the benefits of automatic alternator and battery temperature sensing (optional sensors MC-TS-A and MC-TS-B, are required) for even greater safety and control. .

**BALMC-614-H** 12V with 54" Harness
**BALMC-624-H** 24V with 54" Harness

BALMAR

## MAX CHARGE DUAL REGULATOR

Compatible with dual alternator single engine applications.

**BALMC-612-DUAL-H** 12V with 54" Harness

BALMAR

## ARS-5 REGULATOR

- 5-Selectable charging programs
- Alternator & battery temp. sensing
- Alpha-numeric LED display
- Fully potted circuitry

While it carries the same smart charging profiles of the premium Max Charge regulator, the ARS-5 features programming limited to two simple elements; battery type and drive belt to alternator output ratio. The bright, easy-to-read LED display monitors basic, or in-depth operational data. Alternator and battery temperature sensing (optional sensors MC-TS-A and MC-TS-B, are required) adds even greater functionality.

**BALARS-5-H** 12V with 54" Harness

BALMAR

## DIGITAL DUO CHARGE

Different battery technologies have different charging needs. Why would you trust an old-fashioned combiner or isolator?. The Digital Duo Charge (DDC) eliminates the need for those unsophisticated devices. Programmable for four common battery types (GEL, AGM, standard & deep cycle flooded), the DDC controls voltage, current and temperature (with optional TS-B) to ensure safe and trouble-free charging at the engine battery. Up to 30-amp output. Use with an optional high amperage solenoid for larger battery loads. Adjustable for 12V or 24V systems.

**BALDDC-12/24** 12/24 Volt

BALMAR

## TEMPERATURE SENSORS

Required to provide maximum protection for your alternator and battery when using Balmar's Max Charge 612 / 624, ARS-5 Regulators or Digital Duo Charge.

**BALMC-TS-A** Alternator temp
**BALMC-TS-B** Battery temp

ProMariner

## PRO ISOCHARGE

ProIsoCharge delivers digitally controlled alternator output distribution while protecting the health of engine start batteries. Eliminate typical alternator voltage loss of up to .6VDC that is commonly associated with traditional diode based isolators. Intelligent zerp volt loss isolation ensures fully charged batteries and faster charging times. Installed with the ProNautic P Series chargers, a boat owner can enjoy the full benefit of shore power and on the water charging.

**23121** 12V, 120 Amp, 1 Alt / 2 Batt
**23122** 12V, 180 Amp, 1 Alt / 2 Batt
**23124** 12V, 120 Amp, 1 Alt / 3 Batt

BALMAR

## CENTERFIELDER

Most of the time, with the output from two alternators charging to one battery bank, the weaker alternator is not driven to output to its maximum potential. Balmar's Centerfielder monitors both alternators and regulators on a twin engine application, and drives both alternators to work together to charge a large single house battery bank, making it possible to utilize the combined output from both alternators to double charging efficiency. Must be used in conjunction with Max Charge MC-612 or MC-624 regulators only.

**BALCF-12/24** 12/24 Volt

xantrex

## ECHO~CHARGE

Xantrex' digital echo~charge is designed to charge auxiliary or starting batteries from an inverter/charger or other charging source with limited voltage drop. The Xantrex echo~charge detects when the house battery bank is being charged and directs a portion of the charge current to auxiliary or starting batteries. The maximum charger current offered by echo~charge is limited to 15 amps.
- 15 A maximum charge current
- Automatically adjusts for 12 or 24 volt battery banks (both battery banks must be the same DC voltage and battery type)
- Automatically switches on/off without affecting the in-house battery bank or over-charging
- Utilizes excess current from the primary charging source
- Thermal and over-current circuits & reverse polarity protection
- Easy three wire installation

**82-0123-01**

## The Simple Solution For Smart Charging While Underway

Packaged to make it easier for you and your customers to choose the perfect alternator/regulator combination, Balmar's 12VDC charging system kits deliver fast, intelligent battery charging for a wide variety of gas or diesel engines. Balmar pairs its USCG, ISO, CE and SAE safety compliant 6-Series Smart Ready alternator, with the intelligent, multi-stage ARS-5 Regulator to ensure optimal care for starting and deep-cycle flooded, gel, AGM and spiral wound Optima batteries -- and adds even more charging safety and control with temperature sensors for the alternator (MC-TS-A) and battery (MC-TS-B). 60-Series kits also include hardware kits for most Yanmar installations. The Smart Ready feature provides a internal backup single stage regulator which is easily activated for additional reliability.

BALMAR

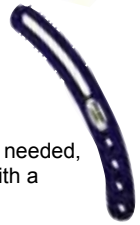
## TRANSIENT SPIKE PROTECTOR

The TSP responds to potentially damaging power spikes by creating a pathway to ground, increasing the chance of protecting your alternator's diodes from catastrophic failure. Color-coded wiring ensures proper installation.

**BALTSP-12** 12VDC
**BALTSP-24** 24VDC

BALMAR

## UNIVERSAL ADJUSTMENT ARM



Ideal for custom mounting brackets, or in installations where additional alternator swing is required. Install as is or trim, as needed, to ensure a perfect fit. Constructed of thick 1/4" steel stock with a powdercoat finish for added protection. 1/4" x 1" x 10"

**BALUAA**

BALMAR

## 6-SERIES ALTERNATORS

Light-duty 6-Series Alternators are engineered to replace most OEM alternators on a wide variety of marine gasoline and diesel engines.
**Kits include: alternator, ARS-5 regulator, alternator/battery temp. sensors & hardware kit.**

| 60-SERIES KIT SADDEL MOUNT 3.15"ID | 60-SERIES ALTERNATOR ONLY | |
|---|---|---|
| **BAL60-YP-70-SR** | **BAL60-70-SR-IG** | 12VDC, 70 amp, single pulley |
| **BAL60-YP-100-SR** | **BAL60-100-SR-IG** | 12VDC, 100 amp, single pulley |
| **BAL60-YP-120-SR** | **BAL60-120-SR-IG** | 12VDC, 120 amp, dual pulley |

| 621-SERIES KIT WITH 1" OR 2" FOOT | 621-SERIES ALTERNATOR ONLY | |
|---|---|---|
| **BAL621-VUP-70-SR** | **BAL621-70-SR-IG** | 12VDC, 70 amp, single pulley |
| **BAL621-VUP-100-SR** | **BAL621-100-SR-IG** | 12VDC, 100 amp, single pulley |
| **BAL621-VUP-120-SR** | **BAL621-120-SR-IG** | 12VDC, 120 amp, dual pulley |

## LARGE & X-LARGE CASE ALTERNATORS - For commercial and heavy duty diesel applications

BALMAR

## 94-SERIES ALTERNATORS

Designed for installations where a single 2" foot Delco-style mount is required. Oversized bearings are used for better cooling. Heavy duty custom windings deliver maximum low RPM performance. Isolated ground for installation on steel or aluminium boats. Bi-directional cooling fan. Meets USCG Title 33 Safety Standards

**BAL94-165-12-IG** 12VDC 165 amp, dual pulley
**BAL94-210-12-IG** 12VDC 210 amp, dual pulley
**BAL94-140-24-IG** 24VDC 165 amp, dual pulley

BALMAR

## 97-SERIES ALTERNATORS

These extra large case alternators are a brushless design for sustained duty applications. They have a 4" J-180 saddlestyle mount. Oversized bearings and high amperage diodes are designed to insure an extended life. Isolated ground for installation on steel or aluminium boats. Bi-directional cooling fan. Meets USCG Title 33, CE, SAE 8846 and ISO J-1171 ignition protection requirements.

**BAL9704-160-12-IG** 12VDC 160 amp, dual pulley
**BAL9704-140-24-IG** 24VDC 140 amp, dual pulley

BALMAR

## 95-SERIES ALTERNATORS

Great size-to-output ratio for tighter mounting spaces. J-180 saddle-style 4" mounting. Extra-large bearings and heavy gauge custom windings deliver maximum low RPM performance. Isolated ground for installation on steel or aluminium boats. Bi-directional cooling fan. Meets USCG Title 33 Safety Standards

**BAL9504-165-12-IG** 12VDC 165 amp, dual pulley
**BAL9504-210-12-IG** 12VDC 210 amp, dual pulley
**BAL9504-140-24-IG** 24VDC 165 amp, dual pulley

BALMAR

## 98-SERIES ALTERNATORS

Built to provide performance in a league with an auxiliary gensets, this alternator can deliver up to 5KW. This extra large case alternator features a brushless design which eliminates a critical wear point, increases ignition protection and delivers greater field efficiency. Includes a 4" J-180 saddle-style mount. Dual cooling fans help insure cooler operation. Isolated ground for installation on steel or aluminium boats. Meets USCG Title 33, CE, SAE 8846 and ISO J-1171 ignition protection requirements.

**BAL98-12-310-IG** 12VDC 310 amp, dual pulley
**BAL98-24-220-IG** 24VDC 220 amp, dual pulley

victron energy

## CENTAUR BATTERY CHARGERS

The Centaur model range features auto-ranging input covering **90-265VAC 50/60Hz** input meaning they can be used anywhere in the world. Crucially, and unlike other products that state universal input, the Centaur range will maintain full output power within the entire specified range.

Aluminium epoxy powder coated cases with drip shield and stainless steel fixings withstand the rigors of an adverse environment: heat, humidity and salt air. Circuit boards are protected with an acrylic coating for maximum corrosion resistance. Temperature sensors ensure that power components will always operate within specified limits

Fully automatic three stage charging that ensures batteries are fully charged every time. Three isolated outputs to simultaneously charge 3 battery banks. Each output is capable to supply the full rated current. All Centaur chargers are cooled by a temperature & current controlled fan. They also include ignition protection and a total output ammeter.

| | Volts | Amps | Banks | Size (H x W x D) |
|---|---|---|---|---|
| **CCH012020000** | 12 | 20 | 3 | 14” x 8.5” x 4.3” |
| **CCH012030000** | 12 | 30 | 3 | 14” x 8.5” x 4.3” |
| **CCH012040000** | 12 | 40 | 3 | 16.8” x 9.4” x 5.3” |
| **CCH012050000** | 12 | 50 | 3 | 16.8” x 9.4” x 5.3” |
| **CCH012060000** | 12 | 60 | 3 | 16.8” x 9.4” x 5.3” |
| **CCH012080000** | 12 | 80 | 3 | 19.9” x 10” x 5.1” |
| **CCH012100000** | 12 | 100 | 3 | 19.9" x 10.0" x 5.2" |
| **CCH024016000** | 24 | 16 | 3 | 14” x 8.5” x 4.3” |
| **CCH024040000** | 24 | 40 | 3 | 19.9" x 10.0" x 5.1" |
| **CCH024060000** | 24 | 60 | 3 | 19.9" x 10.0" x 5.2" |
| **CCH024080000** | 24 | 80 | 3 | 19.9" x 10.0" x 9.1" |
| **CCH024100000** | 24 | 100 | 3 | 19.9" x 10.0" x 9.1" |

victron energy

## PHOENIX BATTERY CHARGERS

- Adaptive 4-stage charge characteristic: bulk – absorption – float – storage The Phoenix charger features a microprocessor controlled ‘adaptive’ battery management system that can be preset to suit different types of batteries. The ‘adaptive’ feature will automatically optimise the process relative to the way the battery is being used.

- The right amount of charge: variable absorption time. When only shallow discharges occur (a yacht connected to shore power for example) the absorption time is kept short in order to prevent overcharging of the battery. After a deep discharge the absorption time is automatically increased to make sure that the battery is completely recharged.

If, in order to quickly charge a battery, a high charge current in combination with a high absorption voltage has been chosen, the Phoenix charger will prevent damage due to excessive gassing by automatically limiting the rate of voltage increase once the gassing voltage has been reached.

The storage mode kicks in whenever the battery has not been subjected to discharge during 24 hours. In the storage mode float voltage is reduced to 2.2 V/cell (13.2 V for 12 V battery) to minimise gassing and corrosion of the positive plates. Once a week the voltage is raised back to the absorption level to ‘equalize’ the battery. This feature prevents stratification of the electrolyte and sulphation, a major cause of early battery failure. Every Phoenix charger comes with a battery temperature sensor.
In order to compensate for voltage loss due to cable resistance, Phoenix chargers are provided with a voltage sense facility so that the battery always receives the correct charge voltage.

Auto-ranging input covering **90-265VAC 50/60Hz** input.

| | Volts | Amps | Banks | Size (H x W x D) |
|---|---|---|---|---|
| **PCH012030001** | 12 | 30 | 3 | 13.8" x 7.9" x 4.3" |
| **PCH012050001** | 12 | 50 | 3 | 13.8" x 7.9" x 4.3" |

ProMariner®

## PRONAUTIC PBATTERY CHARGERS

ProMariner's all digital ProNautic P Series delivers the most advanced solution to charging and conditioning your vessels engine and house bank battery(s). The ProNautic P Series features leading edge technology and global energy management features. Designed to be used world wide automatically, while managing the state and condition of all your on-board batteries. Significantly smarter, faster and best suited to extend the life of your vessel's batteries. The Optional Remote Digital Helm Display and Control is also available. A wide assortment of models to include 12 and 24 volt DC systems. Designed to give you more time on the water enjoying what you like most.

- Distributed On Demand™ Technology automatically senses and distributes 100% of available charging amps to any one bank or combination of all banks
- Global AC Input 100-260 VAC 50/60 Hz
- Power Factor Corrected: Fully automatic wide range AC input
- All digital design
- 12 Selectable Charge Profiles
- User selectable equalization mode
- Conservation Energy Saver Mode
- Charger automatically will go into standby during non use periods
- Dual Digital Displays with Power Output Bar Real time status of charging: volts, amps and percent of power out
- On Board Self Test Start up Diagnostics
- Automatic Battery Health Mode
- Quiet and efficient charging, cooling and ventilation
- Innovative front exhaust prevents air flow and cooling restriction
- Built In Safety with Automatic Temperature Compensation
- Ignition protected and current limiting
- Industry recognized with the 2010 IBEX Innovation Award

**63110** 12V, 10 Amp, 2 bank (10.25" x 8.5" x 3.5")
**63115** 12V, 15 Amps, 3 bank (10.25" x 8.5" x 3.5")
**63120** 12V, 20 Amp, 3 bank (10.25" x 8.5" x 3.5")
**63130** 12V, 30 Amp, 3 bank (10.25" x 8.5" x 3.5")
**63140** 12V, 40 Amp, 3 bank (10.25" x 8.5" x 3.5")
**63150** 12V, 50 Amp, 3 bank (12.25" x 8.5" x 3.5")
**63160** 12V, 60 Amp, 3 bank (12.25" x 8.5" x 3.5")

**63170** 24V, 20 Amp, 3 bank (10.25" x 8.5" x 3.5")
**63180** 24V, 30 Amp, 3 bank (12.25" x 8.5" x 3.5")

**63100** Optional digital display & remote control panel

xantrex

## TRUECHARGE 2 CHARGERS

TRUECHARGE2

Leads the industry with a small footprint and ultra-compact design. In addition to meeting global safety and regulatory standards, TrueCharger2 battery chargers feature low electrical interference and superior, efficient, power factor corrected multistage charging. They can be mounted virtually anywhere, given their unique drip-proof design. The easy-to-read onboard display can be augmented with an optional remote panel for the 20/40/60A 12V & all 24V models.

808-8040-00

- Microprocessor-controlled, multistage charging algorithms
- Setting for flooded, gel, AGM or lead-calcium batteries
- Auto-ranging universal input voltage (90-270VAC, 47-63Hz) is also compatible with a generator or other low-quality power sources
- Temperature-compensated charging
- 20A, 40A, 60A & all 24Vmodels feature parallel stacking that enables delivery of twice the rated output when used with the optional remote
- Power factor corrected for efficient charging
- Battery-equalization feature
- Battery temperature sensor available (part# 808-0232-01)
- Protected from reverse polarity, over/under temperature, DC over voltage, over charging and ignition protected
- Two year warranty

| | Volts | Amps | Bank | Dimensions (H x W x L) |
|---|---|---|---|---|
| **804-1210** | 12 | 10 | 2 | 2-3/4" x 5-1/2" x 8-7/8" |
| **804-1220** | 12 | 20 | 3 | 2-3/4" x 6-5/8" x 9-7/8" |
| **804-1240** | 12 | 40 | 3 | 2-3/4" x 6-5/8" x 9-7/8" |
| **804-1260** | 12 | 60 | 3 | 2-3/4" x 6-5/8" x 13-3/4" |
| **804-2410** | 24 | 10 | 3 | 2-3/4" x 6-5/8" x 9-7/8" |
| **804-2420** | 24 | 20 | 3 | 2-3/4" x 6-5/8" x 9-7/8" |
| **804-2430** | 24 | 30 | 3 | 2-3/4" x 6-5/8" x 13-3/4" |

**808-0232-01** Battery temp. sensor
**808-8040-00** Optional remote panel for all TrueCharge 2 Gen I chargers, except 804-1210
**808-8040-01** Optional remote panel for all TrueCharge 2 Gen II chargers, except 804-1210

## PACIFIC SERIES BATTERY CHARGERS

Applying two decades of electrical product design and manufacturing expertise, Blue Sea Systems has developed the PACIFIC SERIES Battery Chargers.The PACIFIC SERIES Battery Chargers, with their advanced multistage charging technology, are engineered to perform in harsh conditions. Boats operate in challenging environments for any electrical or electronic device. The three conditions causing the greatest problems for chargers are moisture, heat, and low quality AC input voltage.To combat moisture, the PACIFIC SERIES Battery Chargers have a drip-proof design with an integrated venting system protecting them from wipe downs and drips. Instead of plastic or sheet metal cases, the Pacific Series' rugged, finned aluminum case dissipates heat and leads to longer battery charger life. Blue Sea Systems developed Input Power Response (IPR) to match the charge output to the quality of the AC voltage input which reduces component stress. PACIFIC SERIES Battery Chargers use modern MOSFET circuitry instead of diodes for output power distribution to improve efficiency & reduce heat. PACIFIC SERIES Battery Chargers vary absorption stage voltage according to the chemistry selected by the user for each of the three battery banks. This extends battery life and increases performance by providing each battery bank with the voltage specified for its particular chemistry (BSC).

- Power factor corrected for efficient charging
- Battery Specific Charging (BSC) charges a mix of flooded, Gel and AGM batteries
- Universal Line Voltage 90-265V AC 50/60 Hz for use anywhere in the world
- Advanced Multi-Stage Charging Bulk, Absorption, Float stages
- Battery Health which repeats the charge cycle weekly during storage or over extended periods
- User selected battery equalizing function
- Over and under temperature protection, Surge and short circuit protection
- DC over voltage protection & AC reverse polarity protection
- Conformal coated circuit boards
- Rugged Finned Cast Aluminum Case for maximum heat dissipation
- Large Bright Backlit Display shows Charge current, charge voltage, and charge cycle specific to each battery
- 5 Year Warranty and Blue Sea Systems commitment to customer support

**Optional Remote Display:**

- Repeats battery charger onboard display information in convenient location
- DC Amps– net of charger input and loads for house battery
- Amp-Hour and State of Charge for house battery with purchase of PN 8255 DC shunt 500A DC/50mV

**BSS7521** 20A 3-bank, 12V, (11.66" x 16.3")
**BSS7522** 40A 3-bank, 12V, (11.66" x 16.3")
**BSS7523** 60A 3-bank, 12V, (11.66" x 18.27")
**BSS7519** Optional remote display

7519 Remote Display

7519 Shown in 360 Panel System

ProMariner®

## PROSPORT BATTERY CHARGERS

Heavy Duty Recreational Series

- Distributed-On-Demand™ technology - automatically senses and distributes 100% of available charging amps to any one bank or combination of all banks
- Automatic multi-stage charging - charges and conditions batteries with a built in safe maintenance mode for long and short term storage
- High visibility LED status center provides at-a-glance status of AC power, charge mode, battery type, and ready/ maintenance mode
- Digital battery type selector: user selectable performance charge profiles for: Flooded (lead acid)/ STD AGM, GEL & High performance(HP)AGM
- Extruded aluminium housing - for superior heat transfer and durability
- Waterproof and shock resistant - saltwater tested for coastal sport fishing and boating
- Dynamic thermal output control - provides appropriate charging amps to your batteries while maintaining recommended charger temperature
- Dual in line DC safety fuses for trolling motor / accessory battery banks, dynamic thermal output control, over voltage, overload, over temperature, reverse polarity and ignition protection.
- Pre-wired for easy installation, 5' AC/DC
- 2 year warranty

| | | Volts | Amps | Banks | Cable size | Size L" x W" x H" |
|---|---|---|---|---|---|---|
| **42006** | ProSport 6 | 12 | 6 | 1 | 6' | 5.75 x 7.25 x 2.5 |
| **42008** | ProSport 8 | 12/24 | 8 | 2 | 6'/6' | 7 x 7.25 x 2.5 |
| **42012** | ProSport 12 | 12/24 | 12 | 2 | 6'/6' | 8.5 x 7.25 x 2.5 |
| **42020** | ProSport 20 | 12/24 | 20 | 2 | 6'/6' | 10.75 x 7.25 x 2.5 |
| **42021** | ProSport 20 Plus | 12/24/36 | 20 | 3 | 6'/6'/6' | 10.75 x 7.25 x 2.5 |
| **51060** | Remote Battery Bank Status Monitor, 12V, 1-3 banks | | | | | |

51060

## NOCO
## GENIUS™ SMART BATTERY CHARGERS

The NOCO Genius™ automatically diagnoses, recovers, charges & maintains your batteries! Now that's smart...wicked smart. Compact lightweight design, easy to install and fit into tight locations. Safety features include: Reverse Polarity, Short-Circuit, Open-Circuit, Over-Temperature, Over-Charging, Spark Proof and Ignition Protected.

- Advanced 8-Step Charger
- 90% Energy Efficient
- Rapid Charging Technology
- Variable Input Compensated
- Fully Interactive, MCU Controlled
- Safely Charges Wet, Gel, MF & AGM Batteries
- Designed for Safety, Protects Against User Errors
- Fully Sealed for Harsh Environments

| | Volts | Amps /Bank | Total Amps | Banks | Size L" x W" x H" |
|---|---|---|---|---|---|
| **GEN1** | 12V | 10 | 10 | 1 | 6.0" x 5.1" x 2.5" |
| **GEN2** | 12-24V | 10 | 20 | 2 | 7.0" x 6.0" x 2.5" |
| **GEN3** | 12-36V | 10 | 30 | 3 | 11.0" x 7.3" x 2.9" |

## ProMariner
## PROMITE BATTERY CHARGER

- Fully automatic charging
- Charges and conditions batteries with a built in safe maintenance mode for long and short term storage
- Automatic charging for lead or gel batteries
- Waterproof and shock resistant, saltwater tested
- Built-in protection: reverse polarity, ignition & temperature
- LED power and charge indicators for At-a-glance power and charging status
- Pre-wired for easy installation

**31305** 12V, 5 Amp, 1 bank

## NOCO
## G1100 6V & 12V 1.1A 7-STEP MULTI-PURPOSE BATTERY CHARGER

The G1100 is a smart, 7 step, fully automatic switch-mode battery charger and maintainer. The G1100 is best for small battery applications from 2.2-40Ah, such as charging your Motorcycle, ATV, Jet Ski or Snowmobile. In addition to charging, the G1100 can effectively maintain any 6V or 12V batteries in larger applications, such as cars, RVs, boats and trucks. Includes battery clamp & eyelet terminal connectors.

**G1100** 1.1A (1100mA)

## NOCO
## G7200 12V & 24V 7.2A 12-STEP MULTI-PURPOSE BATTERY CHARGER

The G7200 is a smart, 12 step, fully automatic switch-mode battery charger and maintainer. The G7200 restores batteries to their original capacity, recovers slightly sulfated batteries, charges batteries in cold climates, rescues drained batteries, and provides maintenance charging to increase battery life. A powerful battery charger with specialized charging modes for recovering severely drained batteries that will not accept a normal charge. Suitable for most 12V and 24V battery capacities from 14-230Ah, such as motorcycles, ATVs, UTVs, snowmobiles, jet skis, cars, RVs, boats and trucks.

**G7200** 7.2A (7200mA)

## NOCO
## G3500 6V & 12V 3.5A 8-STEP MULTI-PURPOSE BATTERY CHARGER

The G3500 is a smart, 8 step, fully automatic switch-mode battery charger and maintainer. The G3500 restores batteries to their original capacity, recovers slightly sulfated batteries, charges batteries in cold climates, rescues drained batteries and provides maintenance charging to increase battery life. A versatile battery charger that provides charging modes for both large and small batteries from 1.2-120Ah, such as cars, RVs, boats and trucks, as well as for motorcycles, ATVs, jet skis or snowmobiles.
Includes battery clamp & eyelet terminal connectors.

**G3500** 3.5A (3500mA)

## ProMariner
## PROSPORT 1.5 BATTERY MAINTAINER

- Fully automatic
- Reverse polarity protected
- LED Light signifies proper operation & doesn't drain battery if AC off
- Current limiting
- Over temperature protection
- Field adjustable for gel batteries
- Output: 1.5 Amps
- Precision regulated 13.4 vDC float mode
- Application: 12V Batteries, 10-250 Amp hrs

**10115P** ProSport 1.5 Portable
**10116P** ProSport 1.5 Hard wired

NOCO

## SOLAR-POWERED BATTERY CHARGERS

Noco Solar-Powered Battery Chargers are designed to harness the useful energy of the sun to provide a maintenance-level charge to a vehicles battery. These Solar-Powered Battery Chargers use the most advanced solar technology for optimal performance, even in over-cast conditions.

- Operating temperature: -40 to 176 °F (-40 to 80 °C)
- Prolongs battery life
- Never over-charges batteries
- Built-in diode for reverse current protection

**ISC125** 1.8 Watt 125mA 13.2” x 5.8” x 0.47”
**ISC175** 2.2 Watt 80mA 13.8” x 8.4” x 0.5”
**ISC400** 5.5 Watt /400mA 13.6” x 19.6” x 0.6”
**ISC1000** 15 Watt / 1Amp 38.2” x 13.5” x 0.8”
**ISCC1** Charger controller for 15 Watt panel
**ISCC2** 4-way connector for connecting up to 4 5/15Watt solar panels

ProMariner

## PROSPORT CUP HOLDER INVERTER

- Converts 12-volt battery power to 110V AC up to 150 watts.
- Extruded aluminum case.
- Standard 110V AC receptacle.
- Output short and input polarity protection.
- Low battery shutdown.
- 3 feet of cable with plug

**79018**

ProMariner

## TRUPOWER SERIES MODIFIED SINE-WAVE INVERTERS

Rich with features, TruePower offers Bat'Saver Mode operation on its 400 to 1000 watt models so your engine crank battery will stay above 11.5V to start your boat or vehicle. Other high end features include dual LED bar graph displays and remote port on all models between 600 and 1000 watts. The 1500 watt model includes a removable deluxe ultra bar graph remote that can be surface or flush mounted.

- Advanced electronic modified sine wave technology
- GFCI safety protected AC outlets for maximum ground safety protection
- Bat'Saver Auto Mode automatically reserves battery power for engine start (400-1000 watt models)
- Soft start and noise filtered technology for power demanding loads
- Anti-Corrosion protection
- User friendly operation
- LED power & fault indicators
- Bult-in safety including GFCI, thermal, reverse polarity, low battery & short circuit protection, constructed to UL458

| | Model | Wattage | Surge rating | Size |
|---|---|---|---|---|
| **05040** | TruePower 400 | 400 | 800 | 9.25" x 6" x 3" |
| **05060** | TruePower 600 | 600 | 1200 | 12" x 8.2" x 3.5" |
| **05080** | TruePower 800 | 800 | 1600 | 14.4" x 8.2" x 3.5" |
| **05100** | TruePower 1000 | 1000 | 2000 | 14.4" x 8.2" x 3.5" |
| **05150** | TruePower 1500 | 1500 | 3000 | 17.8" x 10" x 3.5" |
| **05121** | On/Off Fault Remote | 800-1000 | N/A | 2.3" x 1.8" x 0.8" |

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## PHOENIX COMPACT PURE SINE-WAVE INVERTERS

SinusMax - Superior engineering
Developed for professional duty, the Phoenix range of inverters is suitable for the widest range of applications. The design criteria have been to produce a true sine wave inverter with optimised efficiency but without compromise in performance.

- Extra start-up power
- LED diagnosis
- Optional Remote on/off switch
- Optional Remote control panel (750VA model only)

| | Continuous Output Watts | Output volts | Peak Power | Input voltage | Dimensions (H x W x D)mm |
|---|---|---|---|---|---|
| **PIN012181110** | 180W | 120VAC | 200W | 10.5-15.5 | 72 x 132 x 200 |
| **PIN012351110** | 350W | 120VAC | 500W | 10.5-15.5 | 72 x 155 x 237 |
| **PIN012751110** | 750W | 120VAC | 1400W | 10.5-15.5 | 72 x 180 x 295 |

xantrex

## XS400 PURE SINE-WAVE INVERTER

Quality sine wave output, the Xantrex Sine Wave Inverter XS400 is designed specifically to power entertainment systems in boats and recreational vehicles. Its clean utility grade output will not produce noise and distortion on TVs, VCRs, DVDs and stereos.

- 400 watt inverter with 800 watt surge
- Filtered sine wave output
- Built-in transfer switch
- Dual AC outlets and hardwired AC connections
- Battery over-voltage and under-voltage protection
- Over temperature shutdown, automatic overload, short circuit & Ground fault protection
- 3.7"H x 7.4"W x 13.5"D

**806-0400**

xantrex

## PROWATT SW TRUE SINE-WAVE INVERTERS

With high surge capability, the PROwatt SW Series provides the necessary current to startup demanding electrical loads. In addition to dual GFCI AC receptacles, the PROwatt SW Series include an innovative USB connection for providing power to most USB chargeable devices. When equipped with a remote control, the PROwatt SW Series has the ability to provide automatic ignition lockout shutting down the inverter's output when the vehicle's ignition is not engaged. With True Sine-Wave output, the PROwatt SW Series can provide power for all types of electrical loads including, variable speed power tools, advanced electrical appliances, microwaves and much more.

- Built-in digital display for DC volts and output power
- Built-in USB port
- Dual GFCI AC receptacles for safe operation
- Heavy duty terminals for trouble-free battery connection
- Low voltage shutdown (10.5 Vdc) / Low voltage alarm (11.0 Vdc)
- Over voltage protection (15.5 Vdc)
- GFCI protection
- Digital display shows: DC voltage, AC output & error codes

Optional remote

| | Description | Continuous Watts | Peak Watts | Volts In | Volts Out | USB Output | Dimensions |
|---|---|---|---|---|---|---|---|
| **806-1206** | ProWatt SW 600 | 600 | 1200 | 12VDC | 104-127VAC | 5V / 500mA | 3.5"H x 8.7"W x 12.2"L |
| **806-1210** | ProWatt SW 1000 | 1000 | 2000 | 12VDC | 104-127VAC | 5V / 500mA | 3.5"H x 8.7"W x 13.4"L |
| **806-1220** | ProWatt SW 2000 | 2000 | 3000 | 12VDC | 104-127VAC | 5V / 500mA | 3.9"H x 11.8"W x 13.7"L |
| **808-9001** | ProWatt SW remote panel | | | | | | |

xantrex

## PROSINE TRUE SINE-WAVE INVERTERS

PROsine inverters are ideally suited for power systems that already have a quality multistage battery charger. Offering True Sine Wave AC output, PROsine inverters are built to operate mid-range inductive loads. Their lightweight and compact design makes installation easy. PROsine hardwired inverters have an optional integrated 15A transfer relay for seamless transition from shore to inverter power. They include a removable digital LCD panel to provide operating status and control from a remote location. Removable LCD display - requires optional remote interface kit.

**Ultra-clean true sine wave power**

With less than 3% total harmonic distortion, PROsine 1000 and 1800 inverters deliver true sine wave output that is identical to AC power supplied by your utility. This clean output makes PROsine inverters ideal for handling sensitive loads and improves AC equipment performance. Expect troublefree true sine wave electricity for televisions, audio systems, variable speed tools, and more.

- Lightweight and low profile
- Removable LCD display can be mounted remotely for control and monitoring
- Innovative DC connection terminals, designed to accept battery cables in 180° of rotation
- LCD displays DC Volts, DC Amps and output power
- Optional transfer switch available
- Powersave mode draws only 1.5 watts under no load
- 12V and 24V models available
- CSA/NRTL certified to UL and CSA standards
- Over voltage and under voltage protection
- Over temperature shutdown and automatic overload protection
- Short circuit and AC backfeed protection

| | Volt | Continuous Watts | Surge | Transfer Switch | GFCI Outlet |
|---|---|---|---|---|---|
| **806-1000** | 12 | 1000 | 1500 | N/A | yes |
| **806-1800** | 12 | 1800 | 2900 | N/A | yes |
| **806-1802** | 12 | 1800 | 2900 | 15Amp | |
| **806-1850** | 24 | 1800 | 2900 | N/A | yes |
| **806-1852** | 24 | 1800 | 2900 | 15Amp | |
| **808-1800** | Optional remote interface kit | | | | |

# TruePower Combi QS
Combination Charger/Quasi Sine Wave Inverter

ProMariner®

## TRUEPOWER COMBI QS
## COMBINATION BATTERY CHARGER/QUASI (MODIFIED) SINE WAVE INVERTER

Designed specifically for the most rugged marine applications. Seamless conversion of DC battery power to filtered low noise AC household power. AC Switch automatically selects AC or DC power inputs (depending on which source is available), ensuring AC household power is available at all times.TruePower QS includes a digitally controlled, True 3-Stage battery charger that can automatically recharge, condition and maintain batteries. Whether on the water or on the road, TruePower QS Series is ideal for large AC load applications such as air conditioners, refrigerators, microwaves, hair dryers, office equipment, power tools and more. Select the right model for you!

- 2.8x Surge Rating with 1.0 Power Factor
- 7 Selectable 3-Stage Battery Charge Profiles
- Instant AC transfer switch passes AC shore/station power. Charges batteries when shore / station power is present, or switches safelyinto DC to AC inverter mode, making AC household power available on the water or on the road.
- Built-in digital control technology provides seven user-selectable charge profiles for today's various battery chemistries
- Filtered quasi (modified) sine wave AC output. Ideal for appliances, power tools and electronics Inverter delivers 2.8 times surge capacity for demanding applications – air conditioners, microwaves, refrigerators and more Pure sine wave passes through while connected to AC shore/ station power
- Designed and constructed to FCC Class A, Marine UL 1236, UL 458

| | Model | DC Voltage | Inverter Watts Contiuous/Peak | Charger Output | Auto AC Transfer | Size L x W x H |
|---|---|---|---|---|---|---|
| **01012** | TruePower1000QS | 12V | 1000 / 3000 | 40Amps | 30A | 17" x 9" x 7" |
| **01512** | TruePower1500QS | 12V | 1500 / 4500 | 40Amps | 30A | 17" x 9" x 7" |
| **01524** | TruePower1500QS | 24V | 1500 / 4500 | 20Amps | 30A | 17" x 9" x 7" |
| **02412** | TruePower2500QS | 12V | 2500 / 7200 | 50Amps | 30A | 17" x 9" x 7" |
| **02424** | TruePower2500QS | 24V | 2500 / 7200 | 25Amps | 30A | 17" x 9" x 7" |

xantrex

## FREEDOM HF
## MODIFIED SINE-WAVE INVERTER/CHARGERS

With modified sine wave output, Freedom XMIC are designed to run entertainment systems and small appliances in smaller boats. They are the smallest, lightest and least expensive models in the Xantrex line up. Designed for demanding marine and RV conditions. Temperature-controlled multi stage charging ensures that your batteries are recharged safely and efficiently. Includes an automatic transfer switch and a detachable digital remote control panel display that provides precise system information and can be mounted wherever you require the information.

- Removable digital display to provide system status
- Automatic three-stage battery charger
- Battery type settings: Flooded/Gel/AGM/Fixed 13.5 Vdc
- Designed to be hard wired using a terminal strip, or by connecting AC through GFIC receptacles
- Built in 30-amp relay to automatically transfer between inverter power and incoming AC utility power
- Protection includes: Battery over/under voltage protection, over temperature shutdown, auto overload protection, short circuit protection and ground-fault protection

| | Model | Volts | Output | Charger | Dimensions |
|---|---|---|---|---|---|
| **806-1020** | HF1000 | 12 | 1000W | 20A | 4.92"H x 8.3"W x 15.47"L |
| **806-1840** | HF1800 | 12 | 1800W | 40A | 4.92"H x 8.3"W x 17.44"L |

victron energy

## MULTIPLUS
## PURE SINE-WAVE INVERTER / CHARGERS

**Multi-functional:**
The MultiPlus is a powerful true sine wave inverter, a sophisticated battery charger that features adaptive charge technology and a high-speed AC transfer switch in a single compact enclosure.

**Unique PowerAssist feature:**
The MultiPlus will prevent overload of a limited AC source. First, battery charging will automatically be reduced when otherwise an overload would occur. The second level will boost the output of a generator or shore side supply with power taken from the battery.

**Uninterrupted AC power (UPS function):**
In the event of a grid failure or shore or generator power being disconnected, the inverter within the Multi is automatically activated and takes over the supply to the connected loads. This happens so fast (less than 20 milliseconds) that computers and other electronic equipment will continue to operate without disruption.

**Virtually unlimited power thanks to parallel operation:**
Up to 6 Multi's can operate in parallel to achieve higher power output. Three phase or split phase operation is also possible. Please check our datasheets to see which models have paralleling, three-phase and split phase capabilities.

**Four stage adaptive charger and dual battery charging:**
The main output provides a powerful charge to the battery system by means of advanced adaptive charge software that fine-tunes the three stage automatic process to suit the condition of the battery, and adds a fourth stage for long periods of float charging. In addition to this, the Multi will charge a second battery using an independent trickle charge output intended for a main engine or generator starter battery.

| | VDC | Continuous Inverter output (Peak) | Inverter input | Charger Amps/Banks | Transfer switch | Dimensions (H x W x D) |
|---|---|---|---|---|---|---|
| **CMP122020100** | 12V | 2000W / (4000W) | 9.5-17 VDC | 80A / 2 Bank | 30Amp | 520x255x125mm |
| **PMP123021100** | 12V | 3000W / (6000W) | 9.5-17 VDC | 120A / 2 Bank | 30Amp | 362x258x218mm |
| **PMP243021100** | 24V | 3000W / (6000W) | 19-33 VDC | 70A / 2 Bank | 30Amp | 362x258x218m |

xantrex

## PROSINE 2.0
## TRUE SINE-WAVE INVERTER / CHARGER

A ProSine inverter/charger satisfies the onboard power requirements of the most discriminating mariner with its state-of-the-art power factor corrected charging and True Sine Wave AC output. It also incorporates automatic overload, short circuit and over-temperature protection circuitry. A full function remote control panel and battery temperature sensor is included with the PROsine inverter/chargers. Offering a revolutionary power to weight ratio, PROsine technology has become the benchmark for premium integrated power systems.

- Power Factor Corrected, integral 100A multistage temperature-compensated charger
- Built in 30A transfer switch
- Equalization mode conditions batteries for longer life
- Series stackable, allows two units to provide 240V of split phase AC output and a 200A charger
- Small profile and lightweight for easy installation and mounting
- Conforms to ABYC guidelines
- CSA/NRTL certified to UL and CSA standards Advanced Control System Panel
- Inverter/charger on/off remote control
- Performs system diagnostics
- LCD remote control panel and temperature sensor included
- Displays AC and DC system information including volts and amps
- Monitors battery temperature so the charger provides an accurate charge in any climate

| | Description | Volt | Continuous Watts | Surge | Transfer Switch | Charger | Dim.(HxWxD) |
|---|---|---|---|---|---|---|---|
| **805-2020** | Prosine 2.0 | 12 | 2000 | 4500 | 30 amps | 100 amps | 17-3/4" x 11-1/4" x 5-3/4" |

ProMariner®

## TRUEPOWER COMBI PS
## COMBINATION CHARGER / PURE SINE WAVE INVERTER

Pure Sine Wave technology is perfect for mobile or on the water audio/visual systems with plasma or LCD flat screen technology. Fully automatic true 3-stage marine grade battery charger and inverter. Instant 30A AC transfer switch passes AC shore/station power. Charges batteries when shore/station power is present, or switches safely into DC to AC inverter mode, making AC household power available on the water or on the road.

- Fully Automatic Battery Charger and Inverter, Instant AC transfer switch passes AC shore/station power. Charges batteries when shore / station power is present, or switches safely into DC to AC inverter mode, making AC household power available on the water or on the road.
- 7 Selectable 3-Stage Battery Charge Profiles
- Efficient, Quiet Conversion from DC Power to AC Power
- Integrated, Automatic True 3-Stage Marine Grade Battery Charger Built-in digital control technology provides seven user-selectable charge profiles for today's various battery chemistries.
- Inverter delivers 2.8 times surge capacity for demanding applications – air conditioners, microwaves, refrigerators and more. Pure sine wave passes through while connected to AC shore/station power.
- Built-in Safety: Overload, Over Temperature, High and Low Battery Voltage Protection, Designed and constructed to FCC Class A, Marine UL 1236, UL 458, and CE ABYC–A 31 Marine Compliant
- Removable Deluxe Remote with On/Off/Standby power modes and high visability LED indicators for Charger, Inverter and Fault modes.

| | Model | DC Voltage | Inverter Watts Contiuous/Peak | Charger Output | Auto AC Transfer | Size L x W x H |
|---|---|---|---|---|---|---|
| **02012** | TruePower2000PS | 12V | 2000 / 6000 | 70Amps | 30A | 17" x 9" x 7" |
| **02024** | TruePower2000PS | 24V | 2000 / 6000 | 35Amps | 30A | 17" x 9" x 7" |

xantrex

## FREEDOM SW TRUE SINE-WAVE INVERTER/CHARGERS

Affordable true sine-wave power solution. The Freedom SW inverter / chargers feature true sine-wave output and multi-stage charging to meet power needs of today's sensitive and sophisticated electronics. They offer industry standard features at a very competitive price. They provide sine-wave power to operate commonly used AC-powered electronics such as plasma television sets, microwaves, entertainment systems, computers, printers, power tools, mini refrigerators and much more. Designed for a variety of mobile applications such as commercial, emergency and recreational vehicles, marine vessels, construction and military equipment.

- True sine-wave output to operate sensitive electronics
- Built-in transfer switch automatically transfers between inverter power and incoming AC power
- Power factor corrected multi-stage charger for fast, efficient charging
- Temperature compensated charging for all climate conditions
- Series and parallel stacking for 2X output power and 240VAC applications
- Wide operating temperature range: -20° to 50°C
- Conformal coated circuit boards for humid environments
- Meets UL458 standards
- Battery over-voltage and under-voltage protection
- Over-temperature shutdown
- Automatic overload protection
- Short-circuit protection
- Dual input / Dual output AC interface
- Compatible with automatic generator start (AGS)
- Optional full featured control panel
- Units include remote On/Off panel & battery temp. sensor

| | Volt | Description | Continuous Watts | Peak | AC connections | Transfer Relay | Charger | Banks | Size H x W x L |
|---|---|---|---|---|---|---|---|---|---|
| **815-2012** | **12V** | SW2000 | 2000W | 4000W | Single | 30 amps | 100A | 1 | 7.75" x 13.5" x 14.25" |
| **815-3012** | **12V** | SW3000 | 3000W | 6000W | Split phase | 2 x 30 amps | 150A | 1 | 7.75" x 13.5" x 14.25" |

| | |
|---|---|
| **31-6262-00** | 50' cable for remote panel |
| **809-0921** | System control panel |
| **809-0915** | Automatic generator start |
| **809-0940** | 25' network cable for control panel |
| **809-0942** | 75' network cable for control panel |
| **808-9003** | GFCI kit |

**Accessories for 815-2000/3000 are not listed here, please contact our Sales Department for assistance**

xantrex

## XPOWER POCKET POWERPACK

Combines a 100W inverter with a high capacity, high output battery pack to create a truly mobile power solution.

- 3-prong AC outlet
- USB power port
- Blue LED power indicator
- DC cable with vehicle & airplane connector
- 3.3 Ah NiMh battery pack
- LED battery status/charge status
- 100W output power (5 min); 80W output power (continuous)
- 6.5"L x 3.75"W x 2"H, 2.4 lbs

**852-0081**

xantrex

## XPOWER POWERPAK 400 PLUS

Portable Powerpaks integrate a battery and inverter to provide electricity and backup power anytime, anywhere. With features like jumper cables, built in light, air compressor, modified Sine Wave inverter, and rechargeable battery with chargers.

- Built in 400 watt inverter
- Sealed, non-spillable 20 amp-hour AGM battery
- 3 digit display allows for easy battery status monitoring
- 320 watts continuous AC output
- 400 watts 5 minute AC power output
- Charging time: From AC outlet - max. 35 hours. From DC outlet - max. 4 hours
- Six month warranty
- 9.5"H x 8.1"W x 15.8"L

**852-1900**

victron energy

## ORION DC / DC CONVERTERS

Most low-voltage equipment, such as navigation and radio equipment, mobile telephones or car hi-fi systems, are designed for 12 Volts, Victron Energy supplies DC/DC converters which deliver a stable 12 Volt supply from a 24 Volt system. These products are also distinguished by high efficiency, together with absolute safety.

| | Input voltage | Output voltage | Max output | Dimensions (H x W x D) |
|---|---|---|---|---|
| **ORI241220000** | 20-35VDC | 13.8VDC | 20A | 1.9” x 3.5” x 5.0” |
| **ORI241230000** | 20-35VDC | 13.8VDC | 30A | 1.9” x 3.5” x 5.0” |
| **ORI241260000** | 20-35VDC | 13.8VDC | 60A | 3.5” x 4.0” x 7.0” |
| **ORI122410000** | 1-18VDC | 24VDC | 10A | 1.9” x 3.5” x 5.0” |

## DCVR - DC CONVERTERS

DC - DC Converters for use on 24V systems to supply HF/SSB radios, high power audio, TV’s etc.

- High efficiency (>90%) switchmode voltage converter
- Short circuit protected & reverse polarity protected
- Fast shutdown protects equipment and wiring
- Does not rely on fuses to protect equipment
- LED state indicators
- Easily installed - fit anywhere - very small size

**BEPDCVR-10A** 10 amp

**BEPDCVR-20A** 20 amp

## DC SYSTEMS MONITOR (DCSM)

DC Systems Monitor (DCSM) Designed and manufactured by BEP, these state of the art full color monitors are made to meet the systems monitoring requirements of today’s modern vessel and recreational vehicle.

**Monitors:**

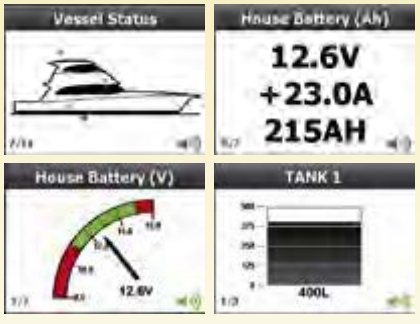
- Charge/discharge amps for two banks (requires 2 shunts)
- Capacity remaining in A/h and %
- Battery condition
- Tank fluid level (requires sender)
- Circuit status

**Features:**

- 8 Generic, user configurable inputs
- Programmable high/low audio/visual alarms for volts, amps and tank levels
- Backlit keypad and dimmable screen
- Can be panel or surface mounted

**Specifications:**

- 2.8” Colour QVGA LCD
- Input voltage 8-32VDC
- Dimensions Width 38mm (1.50") x High 40mm (1.57")
- Backlit keypad



**BEP80-600-0021-00** DCSM with 1x shunt and cable

**BEP600-DCM-5M** 5M (16.45') cable

**BEP600-DCM-10M** 10M (32.9') cable

**BEPLB-450-50** Shunt, 450A / 50mV for DCSM

**BEPTS1** Ultrasonic tank level sender

## VESSEL SYSTEMS MONITOR

- **DC Monitoring:** voltage, amperage, battery state of charge - amp hours remaining time remaining, % charge, battery temperature (alarms for all values)
- **AC Monitoring:** voltage, amperage, watts, frequency (alarms for voltage, amperage, and frequency)
- **Tank level Monitoring:** fuel, water, waste, (alarms for high level waste, low level fuel, and water)
- **Bilge Monitoring:** active, cycle count, volume, duration (alarms for cycles, volume, duration)
- Three intuitive display modes
- Flexible case design offers three mounting options
- Fully programmable legends and adjustable alarm functions can be customized to fit every boat

**Incuded in retail packaging:** head unit, surface mount bezel, surface mount gasket, DC Current Shunt 8255, AC Current Transformer 8256, Battery Temperature Sensor 1820, connectors, and mounting screws

**Nominal DC Voltage:** 12 or 24 Volts
**Operating Voltage:** 8.5–33.0 Volts
**Nominal AC Voltage:** 120 Volts@60 Hz, 240 Volts@60 Hz, 230 Volts@50 Hz
**Operating AC Voltage:** 0–300 Volts

**BSS1801** Systems Monitor
**BSS1810** Tank Sender, Diesel, Water, or Waste Tank Level
**BSS1811** Tank Sender, Gasoline Tank Level
**BSS1820** Battery Temperature Sensor

victron energy

## PRECISION BATTERY MONITOR

The essential function of a battery monitor is to calculate ampere-hours consumed and the state of charge of a battery. Ampere-hours consumed are calculated by integrating the current flowing in or out of the battery. All Victron battery monitors are based on a powerful microprocessor, programmed with the algorithms needed for precision monitoring.
Comes complete with 500A shunt, 10 meter RJ 12 UTP cable,
2 meter battery cable with fuse & square and round mounting bezels.

- Battery voltage (V) 9-90VDC
- Battery charge/discharge current (A).
- Ampere-hours consumed (Ah).
- State of charge (%).
- Time to go at the current rate of discharge.
- Visual and audible alarm: over- and under voltage & battery discharged.
- Programmable alarm or generator start relay.

**BAM001004000** Single bank
**BAM001004200** Single bank + Voltage of second bank

xantrex

## LINKLITE BATTERY MONITOR

The LinkLITE battery monitor can measure currents up to 1,000Amps. It selectively displays voltage, charge and discharge current, consumed amphours and remaining battery capacity. It is equipped with an internal programmable alarm relay, to run a generator when needed or to turn off devices when the battery voltage exceeds programmable boundaries.

- Read your battery bank like a fuel gauge
- Provides critical information about the status of your battery bank
- Displays voltage, current, consumed amphours and remaining battery capacity
- Secondary battery bank voltage monitoring
- Auto sensing battery voltage inputs
- Large backlit LCD Display
- Quick nut mounting construction
- Programmable alarm relay
- Splash proof front panel
- 500 Amp shunt included
- CE and e-mark certified

Mounts in a 2" hole, bezel is 2-1/2", 3-1/8" deep

**84-2030-00**
**854-2021-01** Connection kit 50'

xantrex

## LINKPRO BATTERY MONITOR

The LinkPRO can measure currents up to 10,000 Amps. It selectively displays voltage, charge and discharge current, consumed amphours, remaining battery capacity and the time remaining of your battery bank. It is equipped with an internal programmable alarm relay, to run a generator when needed or to turn off devices when the battery voltage exceeds programmable boundaries.

- Secondary battery bank voltage monitoring
- Read your battery bank like a fuel gauge
- Provides critical information about the status of your battery bank
- Displays voltage, current, consumed amphours and remaining battery capacity
- Auto sensing battery voltage inputs
- Large backlit LCD Display
- Quick nut mounting construction
- Programmable alarm relay
- Splash proof front panel
- 500 Amp shunt included
- Displays time remaining
- Communication/expansion port
- Stores history in internal memory
- Advanced programmable alarm relay
- Battery temperature sensor input

Mounts in a 2" hole, bezel is 2-1/2", 3-1/8" deep

**84-2031-00** LinkPro monitor
**854-2019-01** Data link kit
**854-2021-01** Connection kit 50'
**854-2022-01** Temperature sense kit 32'

## DC AMMETERS - ANALOG

- Simple 2-wire connection from shunt - no other power required
- Meter senses and powers from shunt connection
- Packaged complete with shunt (Except 8005 with internal shunt)

**Shunt Type:** 50 Millivolt at meter full scale amperage
**Amperage Draw:** 1 Milliampere
**Accuracy:** 3% of scale range

| | Description | Shunt | Face Size |
|---|---|---|---|
| **BSS8038** | Ammeter 0-15A DC | Internal | 2" |
| **BSS8041** | Ammeter + Shunt 0-50A DC | External | 2" |
| **BSS8005** | Ammeter + Shunt 0-25A DC | Internal | 2-3/4" |
| **BSS8022** | Ammeter + Shunt 0-50A DC | External | 2-3/4" |
| **BSS8016** | Ammeter + Shunt 0-75A DC | External | 2-3/4" |
| **BSS8017** | Ammeter + Shunt 0-100A DC | External | 2-3/4" |
| **BSS8018** | Ammeter + Shunt 0-150A DC | External | 2-3/4" |

## AC ANALOG AMMETER

- 50 amp dial marked in 2 amp increments
- Simple 2-wire connection
- Meter senses and powers from coil slipped over wire to be measured
- Includes current transformer
- Accuracy 3% of scale
- Meter operating amperage 60 milliamperes AC

| | Description | Face Size |
|---|---|---|
| **BSS8246** | Ammeter 0-50A AC | 2" |
| **BSS9630** | Ammeter 0-50A AC | 2-3/4" |

## ZERO CENTRE AC AMMETERS - ANALOG

- Meters read both discharge and charge current
- Simple 2-wire connection from shunt
- Meter senses and powers from shunt connection
- Packaged complete with shunt
- 50 millivolt at meter full scale shunt
- 1 milliampere Meter operating amperage
- Accuracy: 3% of scale range

| | Description | Shunt | Face Size |
|---|---|---|---|
| **BSS8253** | Ammeter 100-0-100 Amps | External | 2-3/4" |

## DC VOLTMETER - ANALOG

- Displays to .2 Volt
- Simple 2-wire connection
- 8 to 16 Volt DC scale range

**Amperage Draw:** 1 Milliamperes
**Input Voltage:** 8-16 Volts DC
**Accuracy:** 3% of scale range

| | Description | Face Size |
|---|---|---|
| **BSS8028** | Voltmeter 8-16 VDC | 2" |
| **BSS8243** | Voltmeter 18-32 VDC | 2" |
| **BSS8003** | Voltmeter 8-16 VDC | 2-3/4" |
| **BSS8240** | Voltmeter 18-32 VDC | 2-3/4" |

## AC VOLTMETER - ANALOG

- 150 volt dial marked in 5 volt increments (only 9353/8244)
- Simple 2-wire connection to AC hot and neutral
- Meter senses and powers from same connection
- 250 volt dial marked in 5 volt increments (only 9354/8245)
- Accuracy 3% of scale

| | Description | Face Size |
|---|---|---|
| **BSS8244** | Analog 0-150 VAC | 2" |
| **BSS8245** | Analog 0-250 VAC | 2" |
| **BSS9353** | Analog 0-150 VAC | 2-3/4" |
| **BSS9354** | Analog 0-250 VAC | 2-3/4" |

## DC VOLTMETER PANEL - ANALOG

12VDC

- 3 position switch for multiple battery banks
- Full size 2-3/4" meter

**Voltage:** 12 volts DC
**Dimensions:** 3.75" H x 6.25" W
**BSS8015**

## METER MOUNTING PANELS

- Flush mounts Blue Sea Systems' Meters
- Panel material: .125" Aluminium 5052 Alloy
- Undercoating: Chemical Treatment Mil-C-5541C or equivalent
- Panel front coating: 2-part Polyurethane Slate Gray

**BSS8013** Single 2-3/4" Meter 3-3/4"H x 5-1/4"W
**BSS8014** Double 2-3/4" Meter 7-1/2"H x 5-1/4"W

## BATTERY MONITOR

This panel features an expanded scale, simplified colour band meter to show accurate battery condition of two separate batteries. Operation is controlled by a 3-position rocker switch, allowing independent testing of either battery. Comes complete with instructions and basic mounting hardware. 3-3/4"H x 5-1/4"W.

**423112**

## BATTERY TEST SWITCH

Stamped anodized aluminium.

**422020** 2-1/2"H, 3-1/4"W

## BLUE SEA DIGITAL METERS

Allows easy monitoring of key AC and or DC functions.

- Large, 9⁄16" bright LED characters - readable in low light
- Three levels of brightness
- Splash-proof case
- Easy to surface mount in a 2" round hole
- Direct replacement for standard size analog meters
- Scan mode on multi-function units
- Low current drain
- Sleep mode on all units for power conservation
- Accuracy Greater than 0.5%

Height: 2.43" Width: 2.90" Depth: 3.40"

Large, bright LED characters are easy to read in low light, at angles, and from a distance
AC high and low voltage and high amperage alarms, both audio and visual (8247 - page 107)
DC high and low voltage alarms, both audio and visual (8248 and 8251 - see page106)
3 levels of display brightness
Splashproof front
Easy to panel mount with removable bezel
Easy to surface mount in round 2" diameter hole

## DC DIGITAL AMMETER

Displays amperage from -500 to +500 Amps.
Includes 500 amp shunt
Input voltage: 7-60 VDC

**BSS8236**

## AC DIGITAL AMMETER

Displays amperage from 0 to 150 Amps
Includes current transformer
Input voltage: 80-270 Volts AC

**BSS8238**

## AC DIGITAL MULTIMETER WITH ALARM

- Displays amperage from 0 to 150 Amps
- Displays voltage from 80 to 270 Volts
- Displays power from 0 to 35 Kilowatts
- Displays frequency from 40 to 90 Hertz
- High and low voltage and high amperage alarms, both audio and visual

**BSS8247**

## AC DIGITAL VOLTMETER

Displays voltage from 80 to 270 Volts

**BSS8237**

## DC DIGITAL MULTIMETER WITH ALARM

- Displays amperage from -500 to +500 Amps
- Displays voltage from 0 to 60 Volts in 0.01 Volt increments
- High and low voltage, audio and visual alarms

Standard meter operates in negative side of circuit only. Shunt Shifter required for positive side installation such as alternators

**BSS8248**

## DC DIGITAL VOLTMETER

Displays voltage from 0 to 60 Volts

**BSS8235**

**BSS8251** With alarm

## AC DIGITAL FREQUENCY

Displays frequency from 40 to 90 Hertz
Input voltage: 80-270 Volts AC

**BSS8239**

## DC DIGITAL VOLTMETER PANEL

Displays voltage from 0 to 60 Volts.
3 position switch for multiple battery banks
3.75" H x 5.25" W, Blue Sea 8235 meter installed

**BSS8051**

NOCO

## COMMERCIAL BATTERY BOXES

Rotationally molded from a low density polyethylene plastic. These rugged boxes maintain their tough impact properties in climates down to -40 °F (-40 °C). Features a four-corner fastening system, a captive lid, large cable entry holes and a large electrolyte reservoir.

| | Battery Group | Inside Dimensions |
|---|---|---|
| **HM408** | 4D | 20.5"L x 9.5"W x 11.5"H |
| **HM484** | 8D | 21.5"L x 11.5"W x 11"H |
| **HM426** | Dual 6V | 14.75"L x 10.75"W x 12"H |

NOCO

## BATTERY BOXES

Manufactured from injection molded polypropylene plastic that effectively collects electrolyte, allows ventilation and prevents accidental contact of battery terminals. Complete with strap & hold downs.

| | Battery Group | Inside Dimensions |
|---|---|---|
| **HM082** | U1 | 11"L x 7.5"W x 8.75"H |
| **HM300BK** | 24 | 11"L x 7.87"W x 9.75"H |
| **HM327BK** | 27 | 13.37"L x 7.75"W x 10.75"H |
| **HM318BK** | 24-31 | 14.5"L x 7.87"W x 9.75"H |

Scepter MOELLER marine products

## INJECTION MOLDED BATTERY BOXES

Non-corrosive high-strength plastic construction.
Complete with hold-down strap and mounting hardware.

| | Battery Group | Inside Dimensions |
|---|---|---|
| **042213** | 24 | 11.13"L x 7.75"W x 10.13"H |
| **042214** | 27, 30, 31 | 13.44"L x 7.25"W x 10.5"H |

CAMCO

## BATTERY BOXES

Lightweight, heavy duty corrosion-resistant polypropylene boxes. includes lift-off lid, durable woven hold-down strap, foot clamps and stainless steel screws.

| | Battery Group | Inside Dimensions |
|---|---|---|
| **CAM55362** | 24 | 11.33"L x 7.84"W x 9.9"H |
| **CAM55372** | 27 | 13.87"L x 7.87"W x 10.9"H |

attwood

## BATTERY BOXES

Made of rigid black polypropylene with hold-down strap and mounting hardware. Impervious to battery acids. Vented.

| | Battery | Inside Dimensions |
|---|---|---|
| **9065** | 24/24M | 11-1/8"L x 7-3/4"W x 10-1/8"H |
| **9067-1** | 27/27M | 13-7/8"L x 7-1/4"W x 10-1/2"H |
| **9082-1** | 16 | 8-1/4"L x 5-1/2"W x 7-7/8"H |
| **9084-1** | 30/31 | 15-7/8"L x 7-1/8"W x 9-3/4"H |

SEADOGLINE

## VENTED BATTERY BOX

Injection Molded Polypropylene.
For 27 series batteries.

**415027**

attwood

## BATTERY HOLD-DOWN TRAY

Also usable with selected smaller sizes.

| | Battery Group |
|---|---|
| **9090-5** | 24 / 24M |
| **9091-5** | 27 / 27M &Gould 800® & Delco Voyager® |

Scepter MOELLER marine products

## BATTERY TRAYS

Non-corrosive hi-strength plastic construction.
Self locking security knobs. Easy to install.

| | |
|---|---|
| **042215** | 24 series |
| **042216** | 27 / 30 series |

SEADOGLINE

## BATTERY TRAY WITH STRAP

Injection molded polypropylene.

| | Battery Group |
|---|---|
| **415044** | 24 Series |
| **415047** | 27 Series |

SEADOGLINE

## BATTERY BOX STRAP AND BRACKETS

Woven polypropylene / nylon brackets.

| | |
|---|---|
| **415092** | 38" |
| **415094** | 54" |

SEADOGLINE

## HEAVY DUTY BATTERY BOX STRAP

Woven polypropylene
brass chrome plated brackets. 48".

**415082**

attwood

## BATTERY BOX STRAPS

| | |
|---|---|
| **9013-3** | 38" strap with screws & plastic brackets |
| **9014-3** | 38" strap only |

BLUE SEA SYSTEMS

## 12 VOLT SOCKET-PLUG SYSTEM

- Large contact surfaces for good electrical connection
- Twist lock system - plug locks securely into socket
- Corrosion-resistant materials for solid contact & low voltage drop

**Maximum voltage:** 15 VDC
**Maximum socket amperage:** 15 Amperes DC
**Maximum plug amperage:** 10 Amperes DC

**BSS1010** Plug
**BSS1011** Socket
**BSS1014** Mounting bracket for socket
**BSS1015** Plug and socket set

SEADOGLINE

## POWER SOCKET 12V

Ideal for additional power outlets. Both models have a stainless 304 mounting plate. Chrome steel sockets should only be used on fresh water boats. Stamped 304 stainless mounting plate.

**426013** Chrome steel with molded cap
**426053** Stainless steel with molded cap

FURRION

## 12 VOLT DC RECEPTACLE

Metal mounting bracket included. Stainless steel front plate.

**F12VR**

MARINCO

## SEALINK DELUXE 12V RECEPTACLES & PLUGS

- Watertight sealing cap (receptacles) / Moisture proof sealing ring (plug)
- Receptacles supplied with mounting plate for front panel installation, or locking ring for rear access installation
- Receptacles Plugs compatible with standard 12V receptacles / plugs
- SeaLink locking system
- Plugs have LED power indicator light
- Plugs have an Interchangeable fuse

**12VRCW** White receptacle
**12VRC** Black receptacle
**12VPG** Plug
**12VPK** Receptacle and plug packaged together

SEADOGLINE

## CIGARETTE LIGHTER / CHART LIGHT

Combination chart light and cigarette lighter with the flick of a switch. Both models come with a stainless 304 mounting plate. Chrome steel sockets should only be used on fresh water boats.

**426312** Chrome steel socket & lighter
**426352** Stainless steel socket & lighter

SEADOGLINE

## DUAL POWER SOCKET - FIXED

Stamped brass/plastic. Allows two separate 12V devices to be operated at the same time using a power socket or cigarette lighter. Has internal 5 amp fuse. LED indicator light.

**426130**

SEADOGLINE

## DELUXE POWER SOCKET 12V

Stamped brass/injection molded nylon and ABS.
Plug includes LED light to indicate when powered.

**426115** Socket and cap
**426116** Socket, cap and plug
**426118** Plug only
**426117** Cap only

FURRION

## 12 VOLT DC TRIPLE ADAPTER

The triple adapter plugs into your 12 volt power receptacle and turns your power source into a triple receptacle. Convenient 90° swivel plug. Powersmart LED feature gives clear indication when power is present.

**F12PTR**

SEADOGLINE

## POWER SOCKET 12V

Maximum Rating: 24 volts, 16 amps. Stamped brass/injection molded nylon & ABS.

**426113** Socket & cap
**426114** Plug only
**426113-7** Strip display (426113 x 10 pc)

SEADOGLINE

## DUAL OUTLET POWER SOCKET RECEPTACLE

The Dual Outlet Cord allows two separate 12 volt devices to be operated at the same time using a power socket or cigarette lighter. 14" long.

**426412**

FURRION
## 12 VOLT DC 'Y' ADAPTER
Furrion's 'Y' adapter plugs into 12V power receptacle and instantly double outlet source. The powersmart LED feature gives clear indication when power is present at the plug.
**F12PTWRY**

MARINCO
## SEALINK RECEPTACLE WITH ALLIGATOR CLIPS
Accepts SeaLink plug or any standard 12 Volt plug. 6'
**12VXC**

MARINCO
## SEALINK 12V DUAL 1' OUTLET CORD
Heavy duty cable with watertight cap, LED indicator light & built-in 10A
**12VAD**

SEADOGLINE
## POWER SOCKET WITH BATTERY CLIPS
The Battery Clip Adapter allows the use of 12 volt power accessories on small boats without a built in power socket. 6 feet long.
**426450**

FURRION
## 12 VOLT DC COILED 6' CORDSET
This 6' coiled extension cord plugs into your 12 volt receptacle. The powersmart LED feature gives clear indication when power is present at the plug.
**F12P6CE**

MARINCO
## 2-WIRE CONNECTPRO™
- Works with 12, 24, or 36 Volt 2-wire systems
- For front mount panel installations
- Weather resistant sealing cap
- Drain holes in receptacle
- Perma-Lock™ screw terminals will not loosen under extreme hull vibration
- Fits standard 1-1/8” diameter mounting hole
- O-ring seal for waterproof connections
- Corrosion resistant, plated brass electrical components
- Ergonomic contoured grip for easy hook-up and blade alignment

**12VBRS2** Receptacle
**12VBPS2** Plug
**12VCPS2** Plug & Receptacle

MARINCO
## SEALINK 12 VOLT EXTENSION CORD
Heavy duty cable with watertight cap, LED indicator light & built-in 10A fuse. 6'.
**12VXT**

FURRION
## 12 VOLT DC RECEPTACLE W/BATTERY CLAMPS
Furrion's 12V battery clamp product provides power outlet by clamping to your 12V battery posts.
**F12RB**

*Hella*
## 2 POLE CONNECTORS
High strength plastic/brass or chrome plated. Plug Rating: 24VDC maximum, 12 amps Socket Rating: 12VDC, 18 amps.
**87136** Plug
**80124** Socket, surface mont

SEADOGLINE

## TROLLING MOTOR RECEPTACLE AND PLUG

Injection molded PVC. 12V, 10 gauge leads.

**426183** Receptacle, 3 pin
**426184** Plug

MARINCO

## 3-WIRE CONNECTPRO™

- Universal 2 or 3-wire for 12, 24, 12/24, 24/36 or 36 volt systems
- Watertight sealing cap
- Corrosion resistant, plated brass electrical components
- Drain holes in receptacle
- Standard 1-1/8" diameter mounting hole
- Mounting plate for front panel installation,
- Perma-Lock™ screw terminals will not loosen with hull vibration
- Accepts 10 and 8 gauge wire
- Easily replaces other trolling motor plugs and receptacles
- O-ring seal for waterproof connections
- Ergonomic contoured grip for easy hook-up and blade alignment

**12VBR** Receptacle
**12VBP** Plug
**12VCP** Receptacle and plug packaged together

MARINCO

## TROLLING/CHARGING SYSTEM

The 4-wire Trolling/Charging System eliminates the need for a charge/run switch. Install the receptacle on the boat, mount the black trolling motor plug on the trolling motor, and the red charger plug on the leads of the battery charger. Simply plug in the black plug to troll, or plug in the red plug to charge.

**2018BP-12** 12V Charger Plug
**2018BP-24** 12/24V Trolling Motor Plug
**2018BR** Receptacle & Bracket

SEADOGLINE

## POLARIZED CABLE OUTLET

As a safety feature, polarized pins are sized to be connected in only one way. Machined brass chrome plated. 12V

**426142** 2 Pin complete
**426143** Deck outlet & cap only
**426144** Plug only

SEADOGLINE

## POLARIZED ELECTRICAL CONNECTOR

As a safety feature, polarized pins are sized to be connected in only one way. Machined brass/chrome plated.

**426262** 2 Pin
**426263** 3 Pin
**426264** 4 Pin

SEADOGLINE

## POLARIZED ELECTRICAL CONNECTORS

As a safety feature, polarized pins are sized to be connected in only one way. Machined brass/injection molded thermo plastic. 5 amp

**426234** 4 Pin

SEADOGLINE

## POLARIZED MOLDED ELECTRICAL CONNECTOR

As a safety feature, polarized pins are sized to be connected in only one way. Machined brass/molded bakelite and neoprene.

**426162** 2 Pin
**426163** 3 Pin
**426164** 4 Pin

## ▼15AMP 125V SHORE POWER PRODUCTS

FURRION

### 15AMP/125V STRAIGHT BLADE PLUGS & CONNECTORS

**F15MLP-SY** 15A Male
**F15FMP-SY** 15/20A Female

MARINCO

### 15AMP/125V STRAIGHT BLADE PLUGS & CONNECTORS

**5266CR** 15A Male plug
**5269CR** 15/20A Female connector
**6017Y** Cover for 5266CR
**6018Y** Cover for 5269CR

FURRION

### 15AMP EXTENSION CORDSETS

- Plugs designed with side grips for easy, user friendly connection
- Universal fit with all other brands
- Heavy duty industrial quality

**FP15EX-SY** 50' yellow

MARINCO

### ON-BOARD CHARGER INLET

For permanently installed chargers.

- 15A, 125V straight blade inlet
- Can be mounted almost anywhere on a boat
- Perma-Lock™ terminals and colour coded wire holes
- UV resistant housing and cap

**150BBI** Black
**150BBIW** White

MARINCO

### DUPLEX GFCI RECEPTACLES

15A, 125V, with Ground fault circuit interrupter (GFCI). Includes cover plate & screws.

**1591-FIWHT** White
**1591FI** Ivory

HUBBELL

### DUPLEX GFCI RECEPTACLES

15A, 125V, with Ground fault circuit interrupter (GFCI) Includes cover plate & screws.

**HBLGFR5252MW** White
**HBLGFR5252MI** Ivory
**HBLGFR5252MGY** Gray

MARINCO

### 15 AMP/125V LOCKING PLUGS & CONNECTORS

**4721CR** Male plug
**4731CR** Female connector

MARINCO

### 15 AMP/125V LOCKING DUPLEX RECEPTACLE

**4700CR**

MARINCO

### 15 AMP / 125V LOCKING FLANGED OUTLET

**4715CR** Flanged outlet, female

## ▼20AMP 125V SHORE POWER PRODUCTS

MARINCO

### 20 AMP STRAIGHT BLADE CONNECTORS AND PLUGS

**5366CR** Male plug
**5369CR** Female connector
**6017Y** Cover for 5366CR
**6018Y** Cover for 5369CR

MARINCO

### 20 AMP LOCKING CONNECTORS AND PLUGS

**205CRPN** Male plug
**205CRCN** Female connector
**102N** Cover for 205CRPN
**103RN** Cover for 205CRCN, with threaded ring
**103ELN** Cover for 205CRCN, with easy lock ring

FURRION

### 20 AMP LOCKING CONNECTORS AND PLUGS

**F20MLP-SY** Male plug
**F20FMP-SY** Female connector

MARINCO

### 20 AMP LOCKING RECEPTACLE

**205CRR**

## ▼30AMP 125V SHORE POWER PRODUCTS

FURRION

### 30 AMP/125V LOCKING CONNECTORS AND PLUGS

**F30MLP-SY** Male plug
**F30FMP-SY** Female connector

### WEATHERPROOF COVERS

**F30COV-SY** Cover F30MLP-SY male, yellow
**F30COV-SS** Cover F30MLP-SY male, titanium
**F30CVL-SY** Cover F30FMP-SY female, yellow
**F30CVL-SS** Cover F30FMP-SY female, titanium

MARINCO

### SEALING COLLARS & RINGS FOR

For 30A products

**100EL** Easy Lock Ring (not for use with 110R)
**100R** Threaded Ring
**110R** Sealing Collar W/ Threaded Ring

FURRION

### SEALING COLLARS & RINGS

**F30RNG-SS** 30Amp replacement ring
**F30SLC-SS** 30Amp seal collar system

HUBBELL

### 30 AMP/125V LOCKING CONNECTORS AND PLUGS

**HBL305CRP** Male plug
**HBL305CRC** Female connector

### WEATHERPROOF COVERS

**HBL102** Cover for HBL305CRPN
**HBL103R** Cover for HBL305CRCN

HUBBELL

### 30 AMP/125V LOCKING RECEPTACLE

Dockside.

**HBL305CRR**

MARINCO

### 30 AMP/125V LOCKING RECEPTACLES

Dockside.

**305CRR** Receptacle, yellow
**305CRRB** Receptacle, black

MARINCO

### 30A / 125V LOCKING CONNECTORS AND PLUGS

**YELLOW NYLON**

**305CRPN** Male plug
**305CRPN.VPK** Male plug (305CRPN)& 102N cover
**305CRCN** Female connector
**305CRCN.VPK** Female plug (305CRCN) & 103RN cover

**BLACK NYLON (short housing)**

**305BP** Male plug, black
**305BC** Female connector, black

### WEATHERPROOF COVERS

**102N** Cover for 305CRPN
**103RN** Cover for 305CRCN, with threaded ring
**103ELN** Cover for 305CRCN, with easylock ring

FURRION

### 30AMP POWERSMART CORDSETS WITH LED

LED light indicates power is present at the cable. Plug end has side grips for easy, user friendly connection. Universal fit with all other brands. Made to the highest quality standards for long life use backed by Furrion's 5 year warranty.

**F30C12-SY** 12' Yellow, with LED
**F30C12-SS** 12' Titanium, with LED
**F30P25-SY** 25' Yellow, with LED
**F30P50-SY** 50' Yellow, with LED
**F30P50-SS** 50' Titanium, with LED

## ▼30AMP 125V SHORE POWER PRODUCTS

FURRION

### 30AMP CORDSETS

Plug end has side grips for easy, user friendly connection. Universal fit with all other brands. Made to the highest quality standards for long life use backed by Furrion's 5 year warranty.

| | |
|---|---|
| **F30C25-SY** | 25ft Yellow |
| **F30C25-SS** | 25ft Titanium |
| **F30C50-SY** | 50ft Yellow |
| **F30C50-SS** | 50ft Titanium |

FURRION

### 30AMP INLETS WITH LED

- LED light indicating power present
- Furrion's Sleek, modern design
- Universal fit for industry standards
- Back covers included
- Nickel coated brass connections for corrosion resistance

| | |
|---|---|
| **F30INR-PS** | Round, white with LED |
| **F30INS-PS** | Square, white with LED |

FURRION

### 30AMP STAINLESS INLETS

- Furrion's Sleek, modern design
- Universal fit for industry standards
- Back covers included
- Nickel coated brass connections for corrosion resistance

**F30INS-SS** Round, Stainless steel

HUBBELL

### 30 AMP SHORE POWER CABLE SETS

Vinyl jacketed shore power cable set. 10AWG wire with molded-on connectors. Non-metalic threaded sealing ring to make connection watertight.

| | |
|---|---|
| **HBL61CM03** | 25' Yellow |
| **HBL61CM05** | 35' Yellow |
| **HBL61CM05W** | 35' White |
| **HBL61CM08** | 50' Yellow |
| **HBL61CM08W** | 50' White |

MARINCO

### STANDARD INLET

- Marine grade UV stabilized construction
- Easy lock system
- Watertight cap
- 4-way right angle rear safety enclosure
- Stainless steel trim

**301EL-B**

**305CRMB** Replacement electrical interior

MARINCO

### POWERCORD PLUS® 30 AMP CORDSETS

- LED Power indicator light glows red when there is power present
- Contour grip with thumbprint locator
- Corrosion resistant nickel plated contacts
- Super flexible heavy duty 10/3 Cable
- Easy Lock™ system quickly locks the cordset to the inlet
- Includes threaded ring and easy Lock ring

| | |
|---|---|
| **MAR199119** | 50' Yellow |
| **MAR199120** | 50' White |

MARINCO

### CONTOURED INLET

- Marine grade UV stabilized construction
- Easy lock system
- Cap stays open in the upright position
- 8-way right angle rear safety enclosure
- Stainless steel trim

| | |
|---|---|
| **304EL-B** | White |
| **304EL-BCR** | Chrome |
| **305CRMB** | Replacement electrical interior |

HUBBELL

### 30A SHOREPOWER INLET

UV-resistant, weatherproof non-Metallic shore Power inlet. Easy-to-Wire terminations. Transparent interior for easy inspection. 2-3/8" on centers mounting holes match existing Mounting patterns. Includes Mounting screws, gasket, protective Rear enclosure/strain relief.

**HBL303NMBL**

MARINCO

### STAINLESS STEEL INLET

- Solid cast 316 stainless steel
- Locking waterproof cap
- Easy lock system
- Cap stays open in the upright position
- 4-way right angle rear safety enclosure

**303SSEL-B**

**305CRMB** Replacement electrical interior

## ▼50AMP SHORE POWER PRODUCTS

FURRION

### 50AMP LOCKING CONNECTORS AND PLUGS

**F50MLP-SS** 125V Male plug
**F50FMP-SS** 125V Female connector
**F52MLP-SS** 125/250V Male plug
**F52FMP-SS** 125/250V Female connector

### WEATHERPROOF COVERS

**F50COV-SY** Cover for Male, yellow
**F50CVL-SY** Cover for Female, yellow

MARINCO

### 50AMP LOCKING CONNECTORS AND PLUGS

**6361CRN** 125V Male plug
**6360CRN** 125V Female connector
**6365CRN** 125/250V Male plug
**6364CRN** 125/250V Female connector

### WEATHERPROOF COVERS

**7715CRN** Cover for Female, with threaded ring
**7715ELN** Cover for Female, with Easy Lock ring
**7717N** Cover for Male

MARINCO

### 50AMP LOCKING RECEPTACLE

**6370CR** 125V Receptacle, black
**6369CR** 125/250V Receptacle, black

MARINCO

### 50AMP CONTOURED INLET

- Marine grade UV stabilized construction
- Easy Lock system
- Cap stays open in the upright position
- Rear safety enclosure
- Stainless steel trim

**6343EL-B** 125V
**6344EL-B** 125/250V

MARINCO

### 50AMP STAINLESS STEEL INLET

- Solid cast 316 stainless steel
- Easy Lock system
- Cap stays open in the upright position
- Rear safety enclosure with strain relief
- Locking waterproof cap

**6371EL-B** 125V
**6373EL-B** 125/250V

MARINCO

### 50AMP SEALING COLLAR WITH RING

**510R**

FURRION

### 50AMP INLETS WITH LED

- LED light indicating power present
- Furrion's Sleek, modern design
- Universal fit for industry standards
- Back covers included
- Nickel coated brass connections for corrosion resistance

**F50INR-PS** 125V, Round, white with LED
**F50INS-PS** 125V, Square, white with LED
**F52INR-PS** 125/250V, Round, white with LED
**F52INS-PS** 125/250V, Square, white with LED

FURRION

### 50AMP STAINLESS INLETS

- Furrion's Sleek, modern design
- Universal fit for industry standards
- Back covers included
- Nickel coated brass connections for corrosion resistance

**F50INS-SS** 125V Round, Stainless steel
**F52INS-SS** 125/250V Round, Stainless steel

MARINCO

### STANDARD INLET

- Marine grade UV stabilized construction
- Easy lock system with watertight cap
- Rear safety enclosure with strain relief
- Marine stainless steel trim

**6351EL-B** 125V
**6353EL-B** 125/250V

FURRION

### 50AMP LOADSMART CORDSETS

Furrion's unique Loadsmart system features a series of green and red LED indication lights that illuminate and indicate power present and total current available and more. Plug end has side grips for easy, user friendly connection. Universal fit with all other brands. Made to the highest quality standards for long life use backed by Furrion's 5 year warranty.

**F50150-SY** 125V, 50' Yellow
**F50250-SY** 125/250V, 50' Yellow

MARINCO

### 50AMP POWERCORD PLUS CORDSETS

6 gauge 3 conductor flexible cable with molded ends and an LED light on female connector. 5 year warranty.

**6153SPP** 125V, 50' Yellow
**6152SPP** 125/250V, 50' Yellow

## ▼ SHORE POWER ADAPTERS

MARINCO

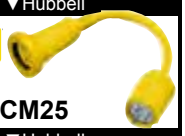
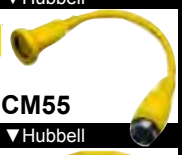
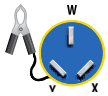
### RIGHT ANGLE CORDSET ADAPTER

Converts your existing 30A or 50A power cord from a straight connection into a right angle connection, provides minimal cordset protrusion from inlet for more clearance in tight spaces. GripLock™ handle design for easy hook-up.

**1RPC** 30 A/125V
**1RPC50** 50A 125/250V

### PIGTAIL ADAPTERS

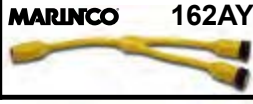
Allow you to connect from one dockside receptacle (or other power source receptacle) to one boatside inlet or equipment of dissimilar power configuration. These adapters are fully molded and equipped with a sealing collar (where indicated) and covers for use in wet locations.

| Dock Side | Boat Side | PIGTAIL SHORE POWER ADAPTERS | | | |
|---|---|---|---|---|---|
| ▼15A Male | ▼30A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 15A 125V Straight blade(M) to 30A 125V Locking(F) | MARINCO 104A | FURRION FP3015-SY Yellow FP3015-SS Titanium | HUBBELL HBL104 HBL61CM22 |
| ▼30A Male | ▼15A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 30A 125VLocking (M) to 15A 125V Straight blade(F) | MARINCO 105AM | FURRION FP1530-SY Yellow FP1530-SS Titanium | HUBBELL HBL105 |
| ▼20A Male | ▼30A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 20A 125V locking (M) to 30A 125V locking (F) | MARINCO 106A | | HUBBELL HBL61CM25  |
| ▼20A Male | ▼15A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 20A 125V locking (M) to 15A 125V Straight blade (F) | MARINCO 107A | FURRION FP1520-SY Yellow | |
| ▼50A125V Male | ▼30A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 50A 125V locking (M) to 30A 125V locking (F) | MARINCO 110A | FURRION FP3050-SY Yellow | HUBBELL HBL61CM55  |
| ▼30A Male | ▼50A125V Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 30A 125V locking (M) to 50A 125V locking (F) | MARINCO 111A | FURRION FP5030-SY Yellow | HUBBELL HBL61CM56 |
| ▼50A125/250V Male | ▼50A 125/250V Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
|  | | 50A 125/250V Straight blade (M) to 50A 125/250V locking (F) | MARINCO 114A | | |
| ▼30A Male | ▼50A 125/250V Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 30A 125V locking (M) to 50A 125/250V locking (F) | MARINCO 117A | FURRION FP5530-SY Yellow | |
| ▼50A 125V Male | ▼50A 125/250V Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 50A 125V locking (M) to 50A 125/250V locking (F) | MARINCO 118A | FURRION FP5550-SY Yellow | |
| ▼50A 125/250V Male | ▼30A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 50A 125/250V locking (M) to 30A 125V locking (F) | MARINCO 121A | FURRION FP3055-SY Yellow | HUBBELL HBL61CM71 |
| ▼50A 125/250V Male | ▼50A 125V Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 50A 125/250V locking (M) to 50A 125V locking (F) | MARINCO 123A | FURRION FP5055-SY Yellow | HUBBELL HBL61CM72 |

## ▼ SHORE POWER ADAPTERS

### "Y" ADAPTERS

Let you split one dockside receptacle between two boat inlets of similar or dissimilar power configurations. "Y" adapters are fully molded and equipped with sealing collar and covers (where indicated) for use in wet locations.

| Dock Side | Boat Side | "Y" SHORE POWER ADAPTERS | | | |
|---|---|---|---|---|---|
| ▼30A Male | ▼2 x 15/20A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 30A 125V Locking (M) to 2 x 15/20A 125V Straight blade (F) | MARINCO 150AY | F1530Y-SY | |
| ▼30A Male | ▼2 x 30A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 30A 125V Locking (M) to 2 x 30A 125V Locking (F) | MARINCO 157AY | F3030Y-SY | HUBBELL HBL64CM56 |
| ▼50A 125/250A Male | ▼2 x 30A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 50A 125/250V Locking (M) to 2 x 30A 125V Locking (F) | MARINCO 153AY | F3052Y-SY | |
| ▼50A 125/250V Male | ▼2 x 50A 125V Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 50A 125/250V Locking (M) to 2 x 50A 125V Locking (F) | MARINCO 154AY | F5052Y-SY | |
| ▼50A 125V Male | ▼2 x 30A Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 50A 125V Locking (M) to 2 x 30A 125V Locking (F) | MARINCO 152AY | F3050Y-SY | HUBBELL HBL64CM54 |
| ▼50A 125V Male | ▼2 x 50A125V Female | ▼Description | ▼Marinco | ▼Furrion | ▼Hubbell |
| | | 50A 125V Locking (M) to 2 x 50A 125V Locking (F) | MARINCO 162AY  | F5050Y-SY | |

### STRAIGHT ADAPTERS

One-piece adapters similar in usage to Pigtail adapters. However, they do not have sealing collars and are not recommended for use in wet locations. Use only in an enclosed, dry location.

| Dock Side | Boat Side | COMPACT (one piece) SHORE POWER ADAPTERS | | | |
|---|---|---|---|---|---|
| ▼15A Male | ▼20A Female | ▼Description | ▼Marinco# | ▼Furrion# | ▼Hubbell# |
| | | 15A 125V Straight blade(M) to 20A 125V Locking(F) | MARINCO 82A | F1520AD-SS | |
| ▼15A Male | ▼30A Female | ▼Description | ▼Marinco# | ▼Furrion# | ▼Hubbell# |
| | | 15A 125V Straight blade(M) to 30A 125V Locking(F) | MARINCO 83A | F1530AD-SS | HUBBELL HBL31CM28 |
| ▼20A Male | ▼15-20A Female | ▼Description | ▼Marinco# | ▼Furrion# | ▼Hubbell# |
| | | 20A 125V Locking(M) to 15-20A 125V Sraight Blade(F) | MARINCO 80A | F2020AD-SS | |
| ▼20A Male | ▼30A Female | ▼Description | ▼Marinco# | ▼Furrion# | ▼Hubbell# |
| | | 20A 125V Locking(M) to 30A 125V Locking(F) | MARINCO 84A | F2030AD-SS | |
| ▼30A Male | ▼15-20A Female | ▼Description | ▼Marinco# | ▼Furrion# | ▼Hubbell# |
| | | 30A 125V Locking(M) to 15-20A 125V Sraight Blade(F) | MARINCO 81A | F3015AD-SS | HUBBELL HBL31CM29 |
| ▼30A Male | ▼20A Female | ▼Description | ▼Marinco# | ▼Furrion# | ▼Hubbell# |
| | | 30A 125V Locking(M) to 20A 125V Locking(F) | MARINCO 85A | F3020AD-SS | |

## ▼ SHORE POWER ADAPTERS

HUBBELL

### 30A TO 15A ADAPTER WITH GFCI PROTECTION

Permits use of 15A straight blade plug with 30A 125V locking receptacle and has the added benefit of GFCI protection (ground fault circuit interrupter)

**HBL105GF**

MARINCO

### 30A TO 15A ADAPTER WITH GFCI PROTECTION

Allows you to power domestic 110VAC devices from a 30A dockside power outlet. It provides a safer hook-up, as well as a number of safety features, including GFCI protection.

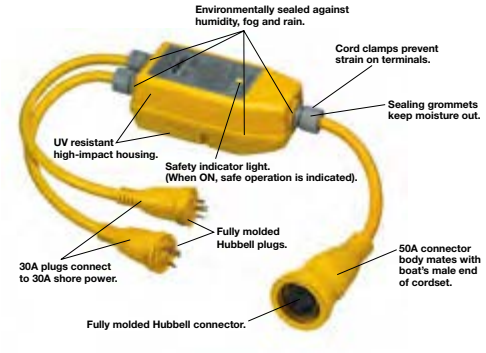
**MAR199128**

MARINCO

### REVERSE "Y" ADAPTER

The reverse “Y” provides 50A 125/250V power when only 30A 125V receptacles are available. Power isolation circuitry for added safety.
Note: Reverse “Y” will NOT work with 50A, 125V, 3-wire inlets. Power is provided in both circuits to the 4-wire inlet, but the dockside receptacles limit the current in each circuit to 30A. The two 30A 125V receptacles must be supplied from a single power source providing from 208V to 250V between them for proper operation.

**167RYN2**


Environmentally sealed against humidity, fog and rain.
Cord clamps prevent strain on terminals.
Sealing grommets keep moisture out.
UV resistant high-impact housing.
Safety indicator light. (When ON, safe operation is indicated).
Fully molded Hubbell plugs.
30A plugs connect to 30A shore power.
50A connector body mates with boat's male end of cordset.
Fully molded Hubbell connector.

HUBBELL

### INTELLIGENT "Y" ADAPTER

The Hubbell Y-Q 230 shore power adapter powers 50 amp 125/250 volt boat from (2) 30 amp 125 volt receptacles. Y-Q Adapter shuts off the power if an improper wiring condition exists on the power center or if 1 plug is not fully engaged. A built-in safety indicator light warns the operator of faulty connections. Sealed against humidity, fog and rain.
Note: The YQ230 Adapter will only work with two 30A receptacles that are on different circuits.

**HBLYQ230**

## ▼ SHORE POWER BOXES, COVERS & ACESSORIES

victron energy

### ISOLATION TRANSFORMERS

**Safety and prevention of galvanic corrosion**

The isolation transformer eliminates any electrical continuity between AC shore power and the boat. It is essential for safety and eliminates the need for galvanic isolators and polarity alarms. **Safety** is taken for granted in case of a normal on-shore installation. A fuse will blow or a GFCI (Ground Fault Current Interrupter) will trip in case of a short circuit or current leakage to ground. Connecting the ground wire of the shore-side supply to the metal parts of the boat will result in galvanic corrosion (see below). Bringing only the live and neutral wire on board results in an unsafe situation because GFCI’s will not work nor will a fuse blow in case of a short circuit to a metal part on the boat.
**Soft start** is a standard feature. It will prevent the shore power fuse from blowing due to the inrush current of the transformer, which would otherwise occur.

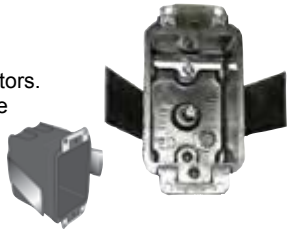
| | **2000 Watt (1)** | **3600 Watt (1)** |
|---|---|---|
| Input and output voltage: | 115 / 230V | 115 / 230V |
| Frequency: | 50/60Hz | 50/60Hz |
| Rating: | 17 / 8,5 A | 32 / 16 A |
| Soft start: | | Yes |
| Transformer type: | | Toroidal (low noise, low weight) |
| Input circuit breaker: | | yes |
| Dimensions (h x w x d), mm: | 375x214x110 | 362 x 258 x 218 |

**ITR040182040** 2000 Watt

**ITR040362040** 3600 Watt

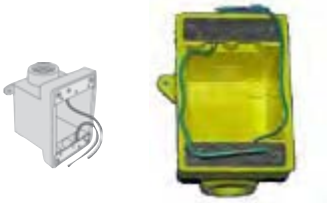
MARINCO
## 30 AMP POWER OUTLET STAINLESS STEEL
Female 30A 125V
**303SSO**

MARINCO
## SWITCH/OUTLET BOX
Accepts 15A, 20A & 30A receptacles, telephone outlets and TV coax connectors. Can be secured against the back of the wall or the wall facing
3-9/32" Wx 2-3/16"Hx 2-1/2"D
**6079**



MARINCO
## FS BOX
Black non-metallic with two 3/4" K.O. holes. Will accept all 15A, 20A and 30A receptacles, and 7420CR weatherproof covers.
**6080**

MARINCO
## FD BOX
Yellow fiberglass with two 3/4" K.O. holes. Will accept all 15A, 20A and 30A receptacles, and 7420CR & 7788CR weatherproof covers.
**6083CR**

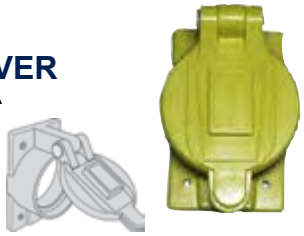


MARINCO
## S.S. WEATHERPROOF COVER WITH LIFT LID
Fits 4700CR, 5262CRR and 5739CR duplex receptacles.
**7879CR**

HUBBELL
## WEATHERPROOF LIFT COVER PLATE
for GFCI duplex receptacles. Durable PVC resists deterioration & won't support combustion. Each plate comes with a tightly sealing, rubberized gasket and a super-strong lift cover spring.
**CWP26CR** Gray

MARINCO
## FLIP LID COVER
Yellow LEXAN® weatherproof cover with lift lid. Fits 15A, 20A, & 30A single receptacles.
**7420CR**

MARINCO
## WEATHERPROOF COVER
Yellow LEXAN® with lift lid. Fits 50A receptacles 6369CR and 6370CR.
**7788CR**



DOCK EDGE
## SHORE POWER CLIP
Easy to install and use, the Shore Power Clip is designed to hold a sturdy 30 amp marine power cord in its low profile "toe-friendly" shape. 4 per bag
**DOC91-200-F**

MARINCO
## SHORE POWER CORD CLIPS
For 30A cords. Can be used on tube or wire rails. 6 per card.
**CLIP-01**

MARINCO
## ZIP SLEEVE
Can hold two 30 amp or one 50 amp plus cable TV and telephone wires. 24' length, with the ability to join multiple Zipsleeves to accommodate longer length cordsets. Velcro straps allow you to hang Zipsleeve from boat railings or reverse the Velcro straps to tightly wrap around your cordsets.
**ZIP-01**

FURRION
## SHORE POWER ORGANIZING BAG
- Cables entry and exit access holes in each end of the bag
- Ventilation for drying moisture
- Heavy duty water resistant material
- Reflective edges for easy locating in dark hard to find places

**FORGBG-SS**

FURRION
## PORTABLE CABLE RAMP
Even with its amazing industrial strength, it is light and packs up into a small bag for easy storage and portability so you can take it anywhere for easy setup and long-term use. With its adjustable sizes and the ability to join several ramps together for a longer protection area, the ramp provides protection for a wide variety of applications. Light reflective signs on the surface gives a warning in the night.
Length of ramp: 1ft 11", Material: Fibre filled nylon.
**FRAMP-SS**

FURRION

## TELEPHONE CONNECTORS

**FTPCON-SY** Male & Female Yellow

FURRION

## TELEPHONE/TV INLETS

Sleek and has a futuristic look and feel. On these advanced inlets there is LED light indicating when line is present. Universal fit for industry standard.

**FPTINR-PS** Round
**FPTINS-PS** Square

MARINCO

## TELEPHONE / TV INLET

Watertight. Non-metallic with marine stainless steel trim. Contains telephone and cable TV connections.

**PH6574TV**

MARINCO

## TELEPHONE / TV INLET STAINLESS

316 stainless steel, watertight. Contains telephone and cable TV connections. Features Easy Lock™ system.

**PH6592TV-SS**

MARINCO

## COMBINATION OUTLET

Marina and RV park telephone and cable TV outlet, black LEXAN®. With spring-loaded lift cover for weatherproof closure when not in use. Fits FS and FD boxes.

**PH6597TV**

MARINCO

## TELEPHONE INLET

Black LEXAN®, glass-filled polycarbonate. Spring-loaded lift cover for weather-proof closure when not in use. Fits FS and FD boxes.

**PH6595**

MARINCO

## TELEPHONE OUTLET

Marina and RV park telephone outlet, black LEXAN®, glass-filled polycarbonate. With spring-loaded lift cover for weatherproof closure when not in use. Fits FS and FD boxes.

**PH6597**

FURRION

## TELEPHONE ADAPTER SYSTEM

The telephone adapter system adapts RJ11 connectors to the weatherproof telephone adapter style plugs.

**FTPADP-MS** Male
**FTPADP-FS** Female

MARINCO

## MALE PHONE ADAPTER

Used to hook-up telephone to cordset PH6599. No inlet installation required.

**PH6600**

MARINCO

## FEMALE PHONE ADAPTER

Used to hook-up a locking type inlet to a modular telephone connection.

**PH6601**

FURRION

## ANTI-INTERFERENCE PHONE CORDSETS

- Protects against surges
- Reduces interference in voice and fax transmissions
- Improves internet speeds by reducing data corruption
- Directional arrows on plug indicating correct alignment and side grips for easy, user friendly connection
- Cable comes with water proof storage bag
- Universal fit with all other brands

**FTPC25-SY** 25' yellow
**FTPC50-SY** 50' yellow

MARINCO

## TELEPHONE CORDSETS

3 conductor #16SJTO yellow vinyl cord provides portable telephone connection for RV and pleasure boats.

**PH6599** 50' Phone
**PHTV6599** 50' - Phone & TV

FURRION

## ANTI-INTERFERENCE TV CORDSET

- Inline interference filter
- Weatherproof RG59-U connectors
- Bonus weatherproof storage bag

**FTVC50-SY** 50' yellow

MARINCO

## TV CABLE CORDSETS

Standard 75 ohm, RG59-U w/quick, slip-on connection on both hull inlet side and dock side. Heavy duty boots are included on both ends.

**TV99-25** 25'

ANCOR
MARINE GRADE™ PRODUCTS
A Lasting Solution.

SAE wire is up to 12% smaller than AWG Boat Cable which means that, in many applications, larger gauge wire must be used to stay within the voltage drop limits recommended by experts. The wire charts found in 'Chapman's Piloting' and other publications are all for 'AWG' wire like Ancor, not 'SAE' type wire.

## Conductor Sizes (AWG) for 3% Voltage Drop at 12 Volts

Use 3% voltage drop for any "critical application" affecting the safety of the vessel or its passengers: bilge pumps, navigation lights, electronics, etc.

| Length | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10’ | 18 | 14 | 12 | 10 | 10 | 8 | 6 | 6 | 6 | 6 | 6 | 4 | 4 |
| 15’ | 16 | 12 | 10 | 10 | 8 | 8 | 6 | 6 | 4 | 4 | 4 | 2 | 2 |
| 20’ | 14 | 10 | 10 | 8 | 6 | 6 | 6 | 4 | 4 | 2 | 2 | 2 | 2 |
| 25’ | 12 | 10 | 8 | 6 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 1 | 1 |
| 30’ | 12 | 10 | 8 | 6 | 6 | 6 | 4 | 4 | 2 | 2 | 2 | 1 | 1 |
| 40’ | 10 | 8 | 6 | 6 | 4 | 4 | 2 | 2 | 1 | 0 | 0 | 2/0 | 2/0 |
| 50’ | 10 | 6 | 6 | 4 | 4 | 2 | 2 | 1 | 0 | 2/0 | 3/0 | 4/0 | 4/0 |
| 60’ | 10 | 6 | 6 | 4 | 2 | 2 | 1 | 0 | 2/0 | 3/0 | 3/0 | 4/0 | 4/0 |
| 70’ | 8 | 6 | 4 | 2 | 2 | 1 | 0 | 2/0 | 3/0 | 3/0 | 4/0 | 4/0 | |
| 80’ | 8 | 6 | 4 | 2 | 2 | 1 | 0 | 2/0 | 3/0 | 4/0 | 4/0 | | |
| 90’ | 8 | 4 | 2 | 2 | 1 | 0 | 2/0 | 3/0 | 4/0 | 4/0 | | | |
| 100’ | 6 | 4 | 2 | 2 | 1 | 0 | 2/0 | 3/0 | 4/0 | | | | |
| 110’ | 6 | 4 | 2 | 2 | 1 | 0 | 2/0 | 3/0 | 4/0 | | | | |
| 120’ | 6 | 4 | 2 | 1 | 0 | 2/0 | 3/0 | 4/0 | | | | | |
| 130’ | 6 | 2 | 2 | 1 | 0 | 2/0 | 3/0 | 4/0 | | | | | |
| 140’ | 6 | 2 | 2 | 1/0 | 2/0 | 3/0 | 4/0 | | | | | | |
| 150’ | 6 | 2 | 1 | 0 | 2/0 | 3/0 | 4/0 | | | | | | |
| 160’ | 6 | 2 | 1 | 0 | 2/0 | 3/0 | 4/0 | | | | | | |
| 170’ | 6 | 2 | 1 | 2/0 | 3/0 | 3/0 | 4/0 | | | | | | |

## Conductor Sizes (AWG) for 10% Voltage Drop at 12 Volts

Use 10% voltage drop for any "non-critical" applications: windlass, cabin lights etc.

| Length | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **10’** | 18 | 18 | 18 | 16 | 16 | 14 | 14 | 12 | 12 | 10 | 10 | 10 | 10 |
| **15’** | 18 | 18 | 16 | 14 | 14 | 12 | 12 | 10 | 10 | 8 | 8 | 8 | 8 |
| **20’** | 18 | 16 | 14 | 14 | 12 | 12 | 10 | 10 | 8 | 8 | 8 | 6 | 6 |
| **25’** | 18 | 16 | 14 | 12 | 12 | 10 | 10 | 8 | 8 | 6 | 6 | 6 | 6 |
| **30’** | 18 | 14 | 12 | 12 | 10 | 10 | 8 | 8 | 6 | 6 | 6 | 6 | 4 |
| **40’** | 16 | 14 | 12 | 10 | 10 | 8 | 8 | 6 | 6 | 6 | 4 | 4 | 4 |
| **50’** | 16 | 12 | 10 | 10 | 8 | 8 | 6 | 6 | 4 | 4 | 4 | 2 | 2 |
| **60’** | 14 | 12 | 10 | 8 | 8 | 6 | 6 | 4 | 4 | 2 | 2 | 2 | 2 |
| **70’** | 14 | 10 | 8 | 8 | 6 | 6 | 6 | 4 | 2 | 2 | 2 | 2 | 1 |
| **80’** | 14 | 10 | 8 | 8 | 6 | 6 | 4 | 4 | 2 | 2 | 2 | 1 | 1 |
| **90’** | 12 | 10 | 8 | 6 | 6 | 6 | 4 | 2 | 2 | 2 | 1 | 1 | 0 |
| **100’** | 12 | 10 | 8 | 6 | 6 | 4 | 4 | 2 | 2 | 1 | 1 | 0 | 0 |
| **110’** | 12 | 8 | 8 | 6 | 6 | 4 | 2 | 2 | 2 | 1 | 0 | 0 | 0 |
| **120’** | 12 | 8 | 6 | 6 | 4 | 4 | 2 | 2 | 1 | 1 | 0 | 0 | 2/0 |
| **130’** | 12 | 8 | 6 | 6 | 4 | 4 | 2 | 2 | 1 | 0 | 0 | 2/0 | 2/0 |
| **140’** | 10 | 8 | 6 | 6 | 4 | 2 | 2 | 1 | 1 | 0 | 2/0 | 2/0 | 2/0 |
| **150’** | 10 | 8 | 6 | 4 | 4 | 2 | 2 | 1 | 0 | 0 | 2/0 | 2/0 | 3/0 |
| **160’** | 10 | 8 | 6 | 4 | 4 | 2 | 2 | 1 | 0 | 2/0 | 2/0 | 3/0 | 3/0 |
| **170’** | 10 | 6 | 6 | 4 | 2 | 2 | 2 | 1 | 0 | 2/0 | 2/0 | 3/0 | 3/0 |

## ANCOR
## BATTERY CABLE

- Tinned copper stranding for maximum protection against corrosion and electrolysis
- Ultra flexible (Type 3) stranding resists fatigue due to vibration and flexing
- Heavy duty Premium vinyl insulation that resists salt water, battery acid, oil, gasoline & UV radiation, is rated at 600 volts, 105°C
- Exceeds all UL 1426, US Coast Guard Charterboat (CFR Title 46) and ABYC standards
- Larger spools available

| 8 AWG # | Colour | Length |
|---|---|---|
| ANC111002 | Black | 25’ |
| ANC111010 | Black | 100’ |
| ANC111302 | Green | 25’ |
| ANC111305 | Green | 50’ |
| ANC111310 | Green | 100’ |
| ANC111502 | Red | 25’ |
| ANC111510 | Red | 100’ |
| ANC111902 | Yellow | 25’ |
| ANC111910 | Yellow | 100’ |
| **6 AWG #** | **Colour** | **Length** |
| ANC112002 | Black | 25’ |
| ANC112005 | Black | 50’ |
| ANC112010 | Black | 100’ |
| ANC112305 | Green | 50’ |
| ANC112310 | Green | 100’ |
| ANC112502 | Red | 25’ |
| ANC112505 | Red | 50’ |
| ANC112510 | Red | 100’ |
| ANC112902 | Yellow | 25’ |
| ANC112910 | Yellow | 100’ |
| **4 AWG #** | **Colour** | **Length** |
| ANC113002 | Black | 25’ |
| ANC113005 | Black | 50’ |
| ANC113010 | Black | 100’ |
| ANC113502 | Red | 25’ |
| ANC113505 | Red | 50’ |
| ANC113510 | Red | 100’ |
| ANC113905 | Yellow | 50’ |
| ANC113910 | Yellow | 100’ |
| **2 AWG #** | **Colour** | **Length** |
| ANC114002 | Black | 25’ |
| ANC114005 | Black | 50’ |
| ANC114010 | Black | 100’ |
| ANC114502 | Red | 25’ |
| ANC114505 | Red | 50’ |
| ANC114510 | Red | 100’ |
| ANC114902 | Yellow | 25’ |
| ANC114905 | Yellow | 50’ |
| ANC114910 | Yellow | 100’ |

| 1 AWG # | Colour | Length |
|---|---|---|
| ANC115002 | Black | 25’ |
| ANC115005 | Black | 50’ |
| ANC115010 | Black | 100’ |
| ANC115502 | Red | 25’ |
| ANC115505 | Red | 50’ |
| ANC115510 | Red | 100’ |
| ANC115902 | Yellow | 25’ |
| ANC115905 | Yellow | 50’ |
| ANC115910 | Yellow | 100’ |
| **1/0 AWG #** | **Colour** | **Length** |
| ANC116002 | Black | 25’ |
| ANC116005 | Black | 50’ |
| ANC116010 | Black | 100’ |
| ANC116502 | Red | 25’ |
| ANC116505 | Red | 50’ |
| ANC116510 | Red | 100’ |
| ANC116902 | Yellow | 25’ |
| ANC116905 | Yellow | 50’ |
| ANC116910 | Yellow | 100’ |
| **2/0 AWG #** | **Colour** | **Length** |
| ANC117002 | Black | 25’ |
| ANC117005 | Black | 50’ |
| ANC117010 | Black | 100’ |
| ANC117502 | Red | 25’ |
| ANC117505 | Red | 50’ |
| ANC117510 | Red | 100’ |
| ANC117902 | Yellow | 25’ |
| ANC117905 | Yellow | 50’ |
| ANC117910 | Yellow | 100 |
| **3/0 AWG #** | **Colour** | **Length** |
| ANC118002 | Black | 25’ |
| ANC118005 | Black | 50’ |
| ANC118010 | Black | 100’ |
| ANC118502 | Red | 25’ |
| ANC118505 | Red | 50’ |
| ANC118510 | Red | 100’ |
| ANC118905 | Yellow | 50’ |
| **4/0 AWG #** | **Colour** | **Length** |
| ANC119002 | Black | 25’ |
| ANC119005 | Black | 50’ |
| ANC119010 | Black | 100’ |
| ANC119502 | Red | 25’ |
| ANC119505 | Red | 50’ |
| ANC119510 | Red | 100’ |
| ANC119902 | Yellow | 25’ |
| ANC119905 | Yellow | 50’ |
| ANC119910 | Yellow | 100’ |

## ANCOR
## BATTERY CABLE ASSEMBLIES

- Fine stranded for maximum conductivity and flexibility
- Flame retardant, UV inhibited, rated to 600V / 105°C
- Lugs are tinned copper
- Each end has a piece of Ancor’s adhesive lined 3:1 heatshrink tubing placed over the electrical connection

| | Stud size | Length | AWG | Colour |
|---|---|---|---|---|
| ANC189130 | 5/16" | 18” | 4 | Black |
| ANC189134 | 5/16" | 32” | 4 | Black |
| ANC189136 | 5/16" | 48” | 4 | Black |
| ANC189140 | 5/16" | 18" | 2 | Black |
| ANC189144 | 5/16" | 32" | 2 | Black |
| ANC189146 | 5/16" | 48" | 2 | Black |
| ANC189131 | 3/8" | 18” | 4 | Red |
| ANC189135 | 3/8" | 32” | 4 | Red |
| ANC189137 | 3/8" | 48” | 4 | Red |
| ANC189141 | 3/8" | 18" | 2 | Red |
| ANC189145 | 3/8" | 32" | 2 | Red |
| ANC189147 | 3/8" | 48" | 2 | Red |
| ANC189120 | 5/16" | 18” | 4 | Yellow |
| ANC189121 | 5/16" | 32" | 4 | Yellow |
| ANC189122 | 5/16" | 48" | 4 | Yellow |
| ANC189123 | 5/16" | 18" | 2 | Yellow |
| ANC189124 | 5/16" | 32" | 2 | Yellow |

## LARGER ROLLS AVAILABLE UPON REQUEST

Ancor recommends yellow as DC negative because black is the standard colour for AC hot. There have been many cases of people working on their DC systems who have inadvertently cut the live AC wire. Because of the wide spread use of inverters, power generators and shore power connections, even today's smallest boats pose a risk of inadvertently cutting into AC wires when working on DC systems.

## ANCOR
## PRIMARY WIRE

- Tinned copper stranding (up to 12% more tinned copper conductors than SAE wire) for maximum protection against corrosion and electrolysis
- Ultra flexible (Type 3/Class K) stranding resists fatigue due to vibration and flexing
- Premium vinyl insulation that resists salt water, battery acid, oil, gasoline and ultra-violet radiation, rated at 600 volts and 105°C
- Exceeds all UL 1426, US Coast Guard Charterboat (CFR Title 46) and ABYC standards

| 18 AWG # | Colour | Length |
|---|---|---|
| ANC180003 | Black | 35’ |
| ANC100010 | Black | 100’ |
| ANC180103 | Dark blue | 35’ |
| ANC100110 | Dark blue | 100’ |
| ANC180203 | Brown | 35’ |
| ANC100210 | Brown | 100’ |
| ANC180403 | Gray | 35’ |
| ANC100410 | Gray | 100’ |
| ANC180503 | Orange | 35’ |
| ANC100510 | Orange | 100’ |
| ANC180603 | Pink | 35’ |
| ANC100610 | Pink | 100’ |
| ANC180703 | Purple | 35’ |
| ANC100710 | Purple | 100’ |
| ANC180803 | Red | 35’ |
| ANC100810 | Red | 100’ |
| ANC180903 | White | 35’ |
| ANC100910 | White | 100’ |
| ANC181003 | Yellow | 35’ |
| ANC101010 | Yellow | 100’ |
| **16 AWG #** | **Colour** | **Length** |
| ANC101910 | Light blue | 100’ |
| ANC182003 | Black | 25’ |
| ANC102010 | Black | 100’ |
| ANC182103 | Dark blue | 25’ |
| ANC102110 | Dark blue | 100’ |
| ANC182203 | Brown | 25’ |
| ANC102210 | Brown | 100’ |
| ANC182303 | Green | 25’ |
| ANC102310 | Green | 100’ |
| ANC182403 | Gray | 25’ |
| ANC102410 | Gray | 100’ |
| ANC102510 | Orange | 100’ |
| ANC182603 | Pink | 25’ |
| ANC102610 | Pink | 100’ |
| ANC182703 | Purple | 25’ |
| ANC102710 | Purple | 100’ |
| ANC182803 | Red | 25’ |
| ANC102810 | Red | 100’ |
| ANC182903 | White | 25’ |
| ANC102910 | White | 100’ |
| ANC183003 | Yellow | 25’ |
| ANC103010 | Yellow | 100’ |

| 14 AWG # | Colour | Length |
|---|---|---|
| ANC103910 | Light blue | 100’ |
| ANC184003 | Black | 18’ |
| ANC104010 | Black | 100’ |
| ANC104025 | Black | 250’ |
| ANC104050 | Black | 500’ |
| ANC184103 | Dark blue | 18’ |
| ANC104110 | Dark blue | 100’ |
| ANC184203 | Brown | 18’ |
| ANC104210 | Brown | 100’ |
| ANC184303 | Green | 18’ |
| ANC104310 | Green | 100’ |
| ANC184403 | Gray | 18’ |
| ANC104410 | Gray | 100’ |
| ANC184503 | Orange | 18’ |
| ANC104510 | Orange | 100’ |
| ANC184603 | Pink | 18’ |
| ANC104610 | Pink | 100’ |
| ANC184703 | Purple | 18’ |
| ANC104710 | Purple | 100’ |
| ANC184803 | Red | 18’ |
| ANC104810 | Red | 100’ |
| ANC104825 | Red | 250’ |
| ANC104850 | Red | 500’ |
| ANC184903 | White | 18’ |
| ANC104910 | White | 100’ |
| ANC185003 | Yellow | 18’ |
| ANC105010 | Yellow | 100’ |
| **12 AWG #** | **Colour** | **Length** |
| ANC186003 | Black | 12’ |
| ANC106010 | Black | 100’ |
| ANC186103 | Dark blue | 12’ |
| ANC106110 | Dark blue | 100’ |
| ANC106210 | Brown | 100’ |
| ANC106302 | Green | 25’ |
| ANC106310 | Green | 100’ |
| ANC186403 | Gray | 12’ |
| ANC106402 | Gray | 25’ |
| ANC106410 | Gray | 100’ |
| ANC186503 | Orange | 12’ |
| ANC106502 | Orange | 25’ |
| ANC106510 | Orange | 100’ |
| ANC186603 | Pink | 12’ |
| ANC106602 | Pink | 25’ |
| ANC106610 | Pink | 100’ |
| ANC106702 | Purple | 25’ |
| ANC106710 | Purple | 100’ |
| ANC186803 | Red | 12’ |
| ANC106802 | Red | 25’ |
| ANC106810 | Red | 100’ |
| ANC186903 | White | 12’ |
| ANC106902 | White | 25’ |
| ANC106910 | White | 100’ |
| ANC107010 | Yellow | 100’ |

| 10 AWG # | Colour | Length |
|---|---|---|
| ANC188003 | Black | 8’ |
| ANC108002 | Black | 25’ |
| ANC108010 | Black | 100’ |
| ANC188103 | Dark blue | 8’ |
| ANC108110 | Dark blue | 100’ |
| ANC188203 | Brown | 8’ |
| ANC108210 | Brown | 100’ |
| ANC188303 | Green | 8’ |
| ANC108310 | Green | 100’ |
| ANC188403 | Gray | 8’ |
| ANC108402 | Gray | 25’ |
| ANC108410 | Gray | 100’ |
| ANC108510 | Orange | 100’ |
| ANC188603 | Pink | 8’ |
| ANC108602 | Pink | 25’ |
| ANC188703 | Purple | 8’ |
| ANC108702 | Purple | 25’ |
| ANC188803 | Red | 8’ |
| ANC108802 | Red | 25’ |
| ANC108810 | Red | 100’ |
| ANC188903 | White | 8’ |
| ANC108910 | White | 100’ |
| ANC189003 | Yellow | 8’ |
| ANC109002 | Yellow | 25’ |
| ANC109010 | Yellow | 100’ |

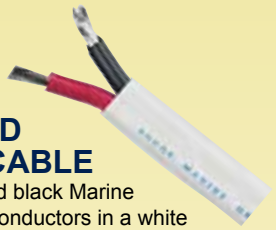
## ECONOMY TINNED PRIMARY SINGLE CONDUCTOR

Extra flexible conductor with soft drawn tinned copper. Offers a unique flame retardant polyvinylchloride compound (VW-1), and is moisture, abrasion, acid, diesel fuel and oil resistant. It is extremely flexible and easy to work with. Available in **12** to **16** gauge and in black & red. CSA certified.

To order indicate gauge and colour:
For example to order 12 gauge black 100':
**T12BKC**

## ANCOR
## DUPLEX AND TRIPLEX CABLE

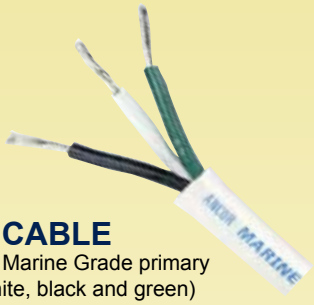
- Ultra flexible (Type 3/Class K) stranding resists fatigue due to vibration and flexing
- Outer jacket is made for easy removal and provides the best abrasion resistance available
- Inner conductors are correctly colour-coded to ABYC standards



### ANCOR
### STANDARD DUPLEX CABLE

Features red and black Marine Grade primary conductors in a white common jacket.

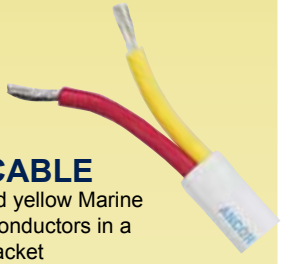
| Flat # | Size | Length |
|---|---|---|
| ANC121910 | 18/2 | 100’ |
| ANC121925 | 18/2 | 250’ |
| ANC121950 | 18/2 | 500’ |
| ANC121710 | 16/2 | 100’ |
| ANC121725 | 16/2 | 250’ |
| ANC121750 | 16/2 | 500’ |
| ANC121510 | 14/2 | 100’ |
| ANC121525 | 14/2 | 250’ |
| ANC121550 | 14/2 | 500’ |
| ANC121310 | 12/2 | 100’ |
| ANC121325 | 12/2 | 250’ |
| ANC121110 | 10/2 | 100’ |
| ANC120905 | 8/2 | 50’ |
| ANC120910 | 8/2 | 100’ |
| ANC120705 | 6/2 | 50’ |
| ANC120710 | 6/2 | 100’ |



### ANCOR
### TRIPLEX CABLE

Features three Marine Grade primary conductors (white, black and green) in a white common jacket

| Flat # | Size | Length |
|---|---|---|
| ANC131710 | 16/3 | 100’ |
| ANC131510 | 14/3 | 100’ |
| ANC131525 | 14/3 | 250’ |
| ANC131302 | 12/3 | 25’ |
| ANC131310 | 12/3 | 100’ |
| ANC131102 | 10/3 | 25’ |
| ANC131110 | 10/3 | 100’ |
| ANC130902 | 8/3 | 25’ |
| ANC130905 | 8/3 | 50’ |
| ANC130910 | 8/3 | 100’ |
| ANC130705 | 6/3 | 50' |
| **Round #** | **Size** | **Length** |
| ANC133710 | 16/3 | 100' |
| ANC133510 | 14/3 | 100' |
| ANC133310 | 12/3 | 100' |



### ANCOR
### SAFETY DUPLEX CABLE

Features red and yellow Marine Grade primary conductors in a white common jacket

| Flat # | Size | Length |
|---|---|---|
| ANC124902 | 18/2 | 25’ |
| ANC124910 | 18/2 | 100’ |
| ANC124702 | 16/2 | 25’ |
| ANC124710 | 16/2 | 100’ |
| ANC124725 | 16/2 | 250’ |
| ANC124750 | 16/2 | 500’ |
| ANC124502 | 14/2 | 25’ |
| ANC124510 | 14/2 | 100’ |
| ANC124525 | 14/2 | 250’ |
| ANC124550 | 14/2 | 500’ |
| ANC124302 | 12/2 | 25’ |
| ANC124310 | 12/2 | 100’ |
| ANC124102 | 10/2 | 25’ |
| ANC124110 | 10/2 | 100’ |
| ANC123905 | 8/2 | 50’ |
| ANC123910 | 8/2 | 100’ |
| ANC123705 | 6/2 | 50’ |
| ANC123710 | 6/2 | 100’ |
| **Round #** | **Size** | **Length** |
| ANC126710 | 16/2 | 100’ |
| ANC126510 | 14/2 | 100’ |

### ANCOR
### ROUND INSTRUMENT CABLE

100% Mylar foil shield & drain. 20/3 cable size.

| | Size | Length |
|---|---|---|
| ANC153010 | 20/3 | 100' |

### ANCOR
### ROUND SIGNAL CABLE

| | Size | Length |
|---|---|---|
| ANC158010 | 20/8 | 100’ |

### ANCOR
### TWISTED PAIRS WITH SHIELD

- For all metal boats and around sensitive electronics
- Ultra flexible stranding is tinned for corrosion resistance
- 93% Tinned copper shield for maximum EMI and RFI rejection
- Features two conductors, red and black

| | Size | Length |
|---|---|---|
| ANC141402 | 14/2 | 25’ |
| ANC141410 | 14/2 | 100’ |

### ANCOR
### ROUND MAST CABLE

Black, blue, green, brown & red wires

| | Size | Length |
|---|---|---|
| ANC155010 | 14/5 | 100' |

### ANCOR
### FLAT TRAILER CABLE

| | Size | Length |
|---|---|---|
| ANC154010 | 16/4 | 100’ |

### ANCOR
### RIBBON CABLE - FLAT

| | Size | Length |
|---|---|---|
| ANC154510 | 16/4 | 100’ |
| ANC154525 | 16/4 | 250’ |
| ANC153110 | 16/2 | 100' |

### ANCOR
### BILGE PUMP CABLE

- Features gray insulation with black, brown and red conductors specifically for bilge pumps. Oil resistant.
- STOW-A-Water resistant jacket

| | Size | Length |
|---|---|---|
| ANC156610 | 16/3 | 100’ |
| ANC156410 | 14/3 | 100’ |

## ANCOR
## SUPER FLEX AUDIO CABLE

- Super flexible, easy to run
- Drawn copper, unidirectional lay for ultimate in sound quality
- Tinned copper for corrosion resistance in the marine environment

| | Size | Length |
|---|---|---|
| **ANC142610** | 16/2 | 100' |
| **ANC142410** | 14/2 | 100' |

## ANCOR
## COAXIAL CABLE

- Features signal loss ratios of up to 50% less than other coaxial cables
- Consists of a tinned copper centre conductor as well as tinned copper outer braid for corrosion resistance and easy soldering
- 96% braid for best signal strength and least interference
- UV inhibited white jacket for longest life

| Ancor # | Size | Length |
|---|---|---|
| **ANC150510** | RG 58CU | 100' |
| **ANC151510** | RG 8X | 100' |
| **ANC151525** | RG 8X | 250' |
| **ANC151550** | RG 8X | 500' |
| **ANC151710** | RG 213 | 100' |
| **ANC151725** | RG 213 | 250' |
| **ANC151750** | RG 213 | 500' |

**LARGER ROLLS AVAILABLE UPON REQUEST**

**Ancor Recommends:**

- RG 58CU for interconnecting electronic equipment
- RG 59U for TVs and some SAT NAVs
- RG 8X for VHF runs less than 50 feet
- RG213 for VHF runs over 50 feet

## ANCOR
## BATTERY CLIPS

**ANC260505** Red/black, 2/pk

## ANCOR
## ANTI-CORROSION RINGS

Fit top or side battery posts

**ANC260405**

## ANCOR
## LEAD BATTERY TERMINALS

Wing nut style

**ANC260100** Neg, 5/16" stud
**ANC260200** Pos, 3/8" stud
**ANC260325** Pos/Neg

SEADOGLINE
## BATTERY TERMINAL WING NUT STYLE

Die cast lead.
Positive / negative set.

**415210**

## ANCOR
## TINNED COPPER BATTERY TERMINALS

Wing nut style, yellow brass nut, tin plated terminal

**ANC260010** Neg, 5/16" stud
**ANC260012** Pos, 3/8" stud
**ANC260322** Pos/Neg

## ANCOR
## TINNED COPPER BATTERY TERMINALS

Emergency clamp on terminal.
92% copper tin plated.

**ANC260005** Wire size 8-2/0

NOCO
## TZ ZINC BATTERY TERMINALS

The TZ Zinc Terminal Ends were designed as an environmentally friendly alternative to lead battery terminals and have a 3.6 times better conductivity. Ultra Plated for maximum resistance to corrosion and oxidation.

**TZ210CS** Univeral 1/pk
**TZ226CS** Pos/Neg pair
**TZ220** Pos. Bulk 25/Box
**TZ225** Neg. Bulk 25/Box

PICO
## BATTERY TERMINALS

**00889NE** Neg. 5/16" stud Brass 1/pk
**00889PE** Pos. 3/8" stud Brass 1/pk
**00898NE** Neg. 5/16" stud Lead 1/pk
**00899PE** Pos. 3/8" stud Lead 1/pk
**00898NPK** Neg. 5/16" stud Lead 5/pk
**00899PPK** Pos. 3/8" stud Lead 5/pk

## ANCOR
# HEAVY DUTY LUGS

- Manufactured from heavy duty annealed tinned copper, providing for maximum current flow
- 100% tin plated copper resists corrosion from salt & moisture
- Seamless barrel design allows for maximum strength when crimped
- Closed end design seals out moisture so cables stay dry & corrosion free

| 8 AWG # | Size | Qty/pkg |
|---|---|---|
| ANC252233 | 10 | 2 |
| ANC242233 | 10 | 25 |
| ANC252234 | 1/4 | 2 |
| ANC242234 | 1/4 | 25 |
| ANC252235 | 5/16 | 2 |
| ANC242235 | 5/16 | 25 |
| ANC244235 | 5/16 | 100 |
| ANC252236 | 3/8 | 2 |
| ANC242236 | 3/8 | 25 |
| ANC244236 | 3/8 | 100 |
| ANC252237 | 1/2 | 2 |
| ANC242237 | 1/2 | 10 |
| ANC252231 | 5/16 & 3/8 | 1/1 |
| **6 AWG #** | **Size** | **Qty/pkg** |
| ANC252243 | 10 | 2 |
| ANC242243 | 10 | 25 |
| ANC252244 | 1/4 | 2 |
| ANC242244 | 1/4 | 25 |
| ANC252245 | 5/16 | 2 |
| ANC242245 | 5/16 | 25 |
| ANC244245 | 5/16 | 100 |
| ANC252246 | 3/8 | 2 |
| ANC242246 | 3/8 | 25 |
| ANC244246 | 3/8 | 100 |
| ANC252247 | 1/2 | 2 |
| ANC242257 | 1/2 | 10 |
| ANC252241 | 5/16 & 3/8 | 1/1 |
| **4 AWG #** | **Size** | **Qty/pkg** |
| ANC252253 | 10 | 2 |
| ANC242253 | 10 | 25 |
| ANC252254 | 1/4 | 2 |
| ANC242254 | 1/4 | 25 |
| ANC252255 | 5/16 | 2 |
| ANC242255 | 5/16 | 25 |
| ANC244255 | 5/16 | 100 |
| ANC252256 | 3/8 | 2 |
| ANC242256 | 3/8 | 25 |
| ANC244256 | 3/8 | 100 |
| ANC252257 | 1/2 | 2 |
| ANC242257 | 1/2 | 10 |
| ANC252251 | 5/16 & 3/8 | 1/1 |

| 2 AWG # | Size | Qty/pkg |
|---|---|---|
| ANC252264 | 1/4 | 2 |
| ANC242264 | 1/4 | 25 |
| ANC252265 | 5/16 | 2 |
| ANC242265 | 5/16 | 25 |
| ANC244265 | 5/16 | 100 |
| ANC252266 | 3/8 | 2 |
| ANC242266 | 3/8 | 25 |
| ANC244266 | 3/8 | 100 |
| ANC252267 | 1/2 | 2 |
| ANC252261 | 5/16 & 3/8 | 1/1 |
| **1 AWG #** | **Size** | **Qty/pkg** |
| ANC252274 | 1/4 | 2 |
| ANC242274 | 1/4 | 25 |
| ANC252275 | 5/16 | 2 |
| ANC242275 | 5/16 | 25 |
| ANC252276 | 3/8 | 2 |
| ANC242276 | 3/8 | 25 |
| ANC252277 | 1/2 | 2 |
| ANC252271 | 5/16 & 3/8 | 1/1 |
| **1/0 AWG #** | **Size** | **Qty/pkg** |
| ANC252284 | 1/4 | 2 |
| ANC242284 | 1/4 | 25 |
| ANC252285 | 5/16 | 2 |
| ANC242285 | 5/16 | 25 |
| ANC244285 | 5/16 | 100 |
| ANC252286 | 3/8 | 2 |
| ANC242286 | 3/8 | 25 |
| ANC244286 | 3/8 | 100 |
| ANC252287 | 1/2 | 2 |
| ANC252281 | 5/16 & 38 | |

| 2/0 AWG # | Size | Qty/pkg |
|---|---|---|
| ANC252294 | 1/4 | 2 |
| ANC242294 | 1/4 | 25 |
| ANC252295 | 5/16 | 2 |
| ANC242295 | 5/16 | 25 |
| ANC244295 | 5/16 | 100 |
| ANC252296 | 3/8 | 2 |
| ANC242296 | 3/8 | 25 |
| ANC244296 | 3/8 | 100 |
| ANC252297 | 1/2 | 2 |
| ANC242297 | 1/2 | 10 |
| ANC252291 | 5/16 & 3/8 | 1/1 |
| **3/0 AWG #** | **Size** | **Qty/pkg** |
| ANC252716 | 3/8 | 2 |
| ANC242716 | 3/8 | 10 |
| ANC252717 | 1/2 | 2 |
| **4/0 AWG #** | **Size** | **Qty/pkg** |
| ANC252725 | 5/16 | 2 |
| ANC242725 | 5/16 | 10 |
| ANC252726 | 3/8 | 2 |
| ANC242726 | 3/8 | 10 |
| ANC252727 | 1/2 | 2 |

## ANCOR
# HEAVY DUTY BUTT CONNECTORS

ANCOR Marine Grade™ lugs are manufactured from heavy duty annealed tinned copper, for maximum current flow. 100% tin plated copper resists corrosion from salt and moisture. Seamless barrel design allows for maximum strength when crimped.

| | AWG | Qty/pkg |
|---|---|---|
| ANC252130 | 8 | 2 |
| ANC242130 | 8 | 25 |
| ANC252140 | 6 | 2 |
| ANC242140 | 6 | 25 |
| ANC252150 | 4 | 2 |
| ANC242150 | 4 | 25 |
| ANC252160 | 2 | 2 |
| ANC242160 | 2 | 25 |
| ANC252170 | 1 | 2 |
| ANC252180 | 1/0 | 2 |
| ANC242180 | 1/0 | 25 |
| ANC252190 | 2/0 | 2 |

## ANCOR BUTT CONNECTORS

- Nylon insulators are easy to crimp and will not split
- Barrels are designed to tightly grip the wire with little effort
- Tinned copper gives the least electrical resistance but the most corrosion protection
- Highest grade electrolytic copper

### NYLON INSULATED SEAMLESS

Single crimp

| | AWG | Qty/pkg |
|---|---|---|
| ANC230100 | 22-18 | 7 |
| ANC210100 | 22-18 | 25 |
| ANC220100 | 22-18 | 100 |
| ANC230110 | 16-14 | 7 |
| ANC210110 | 16-14 | 25 |
| ANC220110 | 16-14 | 100 |
| ANC230120 | 12-10 | 5 |
| ANC210120 | 12-10 | 25 |
| ANC220120 | 12-10 | 100 |

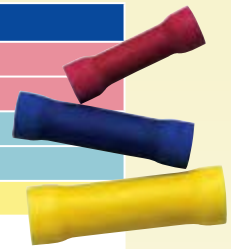
### NYLON INSULATED WITH INSULATION GRIP

Double crimp, funnel entry

| | AWG | Qty/pkg |
|---|---|---|
| ANC230161 | 22-18 | 3 |
| ANC210161 | 22-18 | 25 |
| ANC220161 | 22-18 | 100 |
| ANC230162 | 16-14 | 3 |
| ANC210162 | 16-14 | 25 |
| ANC220162 | 16-14 | 100 |
| ANC230163 | 12-10 | 2 |
| ANC210163 | 12-10 | 25 |
| ANC220163 | 12-10 | 100 |

### VINYL INSULATED

| | AWG | Qty/pkg |
|---|---|---|
| ANC230130 | 8 | 2 |
| ANC210130 | 8 | 25 |
| ANC230140 | 6 | 1 |
| ANC230150 | 4 | 1 |
| ANC210150 | 4 | 25 |



### STEP-DOWN BUTT CONNECTORS

Vinyl insulated

| | AWG | Qty/pkg |
|---|---|---|
| ANC230164 | 16-14 to 22-18 | 3 |
| ANC210164 | 16-14 to 22-18 | 25 |
| ANC230165 | 12-10 to 16-14 | 3 |
| ANC210165 | 12-10 to 16-14 | 25 |
| ANC230166 | 8 to 12-10 | 3 |
| ANC210166 | 8 to 12-10 | 25 |

## ANCOR FULLY INSULATED DISCONNECTS

Nylon insulated with insulation grip (funnel entry)

| Female # | Male # | AWG | Qty/pkg |
|---|---|---|---|
| ANC231408 | ANC231409 | 22-18 | 4 |
| ANC211408 | ANC211409 | 22-18 | 25 |
| ANC221408 | ANC221409 | 22-18 | 100 |
| ANC231418 | ANC231419 | 16-14 | 4 |
| ANC211418 | ANC211419 | 16-14 | 25 |
| ANC221418 | ANC221419 | 16-14 | 100 |
| ANC231428 | ANC231429 | 12-10 | 3 |
| ANC211428 | ANC211429 | 12-10 | 25 |
| ANC221428 | ANC221429 | 12-10 | 100 |

## ANCOR DISCONNECTS

Nylon insulated with insulation grip (funnel entry)

| Female # | Male # | AWG | Qty/pkg |
|---|---|---|---|
| ANC230818 | ANC230819 | 16-14 | 5 |
| ANC210818 | ANC210819 | 16-14 | 25 |
| ANC220818 | ANC220819 | 16-14 | 100 |
| ANC230828 | ANC230829 | 12-10 | 4 |
| ANC210828 | ANC210829 | 12-10 | 25 |
| ANC220828 | ANC220829 | 12-10 | 100 |

## ANCOR FLANGED SPADES

Nylon insulated with insulation grip (funnel entry)

| Female # | Screw Size | AWG | Qty/pkg |
|---|---|---|---|
| ANC230301 | 6 | 22-18 | 6 |
| ANC210301 | 6 | 22-18 | 25 |
| ANC230302 | 8 | 22-18 | 6 |
| ANC210302 | 8 | 22-18 | 25 |
| ANC220302 | 8 | 22-18 | 100 |
| ANC230303 | 10 | 22-18 | 6 |
| ANC210303 | 10 | 22-18 | 25 |
| ANC220303 | 10 | 22-18 | 100 |
| ANC230311 | 6 | 16-14 | 6 |
| ANC210311 | 6 | 16-14 | 25 |
| ANC230312 | 8 | 16-14 | 6 |
| ANC210312 | 8 | 16-14 | 25 |
| ANC220312 | 8 | 16-14 | 100 |
| ANC230313 | 10 | 16-14 | 6 |
| ANC210313 | 10 | 16-14 | 25 |
| ANC220313 | 10 | 16-14 | 100 |
| ANC230321 | 6 | 12-10 | 5 |
| ANC210321 | 6 | 12-10 | 25 |
| ANC230322 | 8 | 12-10 | 5 |
| ANC210322 | 8 | 12-10 | 25 |
| ANC220322 | 8 | 12-10 | 100 |
| ANC230323 | 10 | 12-10 | 5 |
| ANC210323 | 10 | 12-10 | 25 |
| ANC220323 | 10 | 12-10 | 100 |

## ANCOR
## PIN TERMINALS

Nylon insulated with insulation grip

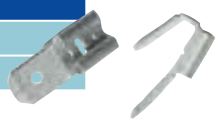
| | AWG | Qty/pkg |
|---|---|---|
| ANC220618 | 16-14 | 100 |

## ANCOR
## MULTI-STACK CONNECTOR

| | AWG | Qty/pkg |
|---|---|---|
| ANC230612 | 16-14 | 3 |
| ANC210612 | 16-14 | 25 |

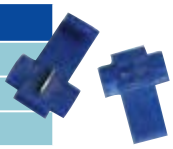
## ANCOR
## DOUBLE MALE-FEMALE CONNECTOR

1/4" tab



| | AWG | Qty/pkg |
|---|---|---|
| ANC230613 | 16-14 | 5 |
| ANC210613 | 16-14 | 25 |

## ANCOR
## SPLICE CONNECTOR



| | AWG | Qty/pkg |
|---|---|---|
| ANC230615 | 16-14 | 4 |
| ANC210615 | 16-14 | 25 |
| ANC220615 | 16-14 | 100 |

## ANCOR
## SNAP PLUGS

| Female # | Male # | AWG | Qty/pkg |
|---|---|---|---|
| ANC230708 | ANC230709 | 22-18 | 4 |
| ANC210708 | ANC210709 | 22-18 | 25 |
| ANC230718 | ANC230719 | 16-14 | 4 |
| ANC210718 | ANC210719 | 16-14 | 25 |

## ANCOR
## SPLASH PROOF SNAP PLUGS WITH INSERTS

Male/Female

| | AWG | Qty/pkg |
|---|---|---|
| ANC231480 | 22-18 | 4 |
| ANC231490 | 16-14 | 4 |

## ANCOR
## 3-WAY CONNECTORS

Nylon, insulated with insulation grip.
Double crimp, funnel entry.

| | AWG | Qty/pkg |
|---|---|---|
| ANC230510 | 16-14 | 1 |
| ANC210510 | 16-14 | 25 |
| ANC230520 | 12-10 | 1 |
| ANC210520 | 12-10 | 25 |

## ANCOR
## RING TERMINALS

Nylon insulated with insulation grip, funnel entry

| | Screw | AWG | Qty/pkg |
|---|---|---|---|
| ANC230201 | 6 | 22-18 | 6 |
| ANC230202 | 8 | 22-18 | 6 |
| ANC210202 | 8 | 22-18 | 25 |
| ANC220202 | 8 | 22-18 | 100 |
| ANC230203 | 10 | 22-18 | 6 |
| ANC210203 | 10 | 22-18 | 25 |
| ANC220203 | 10 | 22-18 | 100 |
| ANC210204 | 1/4 | 22-18 | 25 |
| ANC230205 | 5/16 | 22-18 | 5 |
| ANC210205 | 5/16 | 22-18 | 25 |
| ANC230206 | 3/8 | 22-18 | 5 |
| ANC230211 | 6 | 16-14 | 6 |
| ANC210211 | 6 | 16-14 | 25 |
| ANC220211 | 6 | 16-14 | 100 |
| ANC230212 | 8 | 16-14 | 6 |
| ANC210212 | 8 | 16-14 | 25 |
| ANC220212 | 8 | 16-14 | 100 |
| ANC230213 | 10 | 16-14 | 6 |
| ANC210213 | 10 | 16-14 | 25 |
| ANC220213 | 10 | 16-14 | 100 |
| ANC230214 | 1/4 | 16-14 | 5 |
| ANC210214 | 1/4 | 16-14 | 25 |
| ANC220214 | 1/4 | 16-14 | 100 |
| ANC230215 | 5/16 | 16-14 | 5 |
| ANC210215 | 5/16 | 16-14 | 25 |
| ANC220215 | 5/16 | 16-14 | 100 |
| ANC230216 | 3/8 | 16-14 | 5 |
| ANC210216 | 3/8 | 16-14 | 25 |
| ANC220216 | 3/8 | 16-14 | 100 |
| ANC230221 | 6 | 12-10 | 5 |
| ANC210221 | 6 | 12-10 | 25 |
| ANC220221 | 6 | 12-10 | 100 |
| ANC230222 | 8 | 12-10 | 5 |
| ANC210222 | 8 | 12-10 | 25 |
| ANC220222 | 8 | 12-10 | 100 |
| ANC230223 | 10 | 12-10 | 5 |
| ANC210223 | 10 | 12-10 | 25 |
| ANC220223 | 10 | 12-10 | 100 |
| ANC230224 | 1/4 | 12-10 | 4 |
| ANC210224 | 1/4 | 12-10 | 25 |
| ANC220224 | 1/4 | 12-10 | 100 |
| ANC230225 | 5/16 | 12-10 | 4 |
| ANC210225 | 5/16 | 12-10 | 25 |
| ANC220225 | 5/16 | 12-10 | 100 |
| ANC230226 | 3/8 | 12-10 | 4 |
| ANC210226 | 3/8 | 12-10 | 25 |
| ANC220226 | 3/8 | 12-10 | 100 |
| ANC230227 | 1/2 | 12-10 | 3 |
| ANC210227 | 1/2 | 12-10 | 25 |

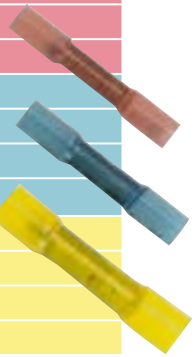
## ANCOR
## RING TERMINALS
Nylon insulated with insulation grip, funnel entry

| | Screw | AWG | Qty/pkg |
|---|---|---|---|
| ANC230233 | 10 | 8 | 2 |
| ANC210233 | 10 | 8 | 25 |
| ANC222233 | 10 | 8 | 100 |
| ANC230234 | 1/4 | 8 | 2 |
| ANC210234 | 1/4 | 8 | 25 |
| ANC230235 | 5/16 | 8 | 2 |
| ANC210235 | 5/16 | 8 | 25 |
| ANC230236 | 3/8 | 8 | 2 |
| ANC210236 | 3/8 | 8 | 25 |
| ANC230237 | 1/2 | 8 | 2 |
| | | | |
| ANC230243 | 10 | 6 | 1 |
| ANC210243 | 10 | 6 | 25 |
| ANC230244 | 1/4 | 6 | 1 |
| ANC230245 | 5/16 | 6 | 1 |
| ANC230246 | 3/8 | 6 | 1 |
| ANC230247 | 1/2 | 6 | 1 |
| | | | |
| ANC230253 | 10 | 4 | 1 |
| ANC230254 | 1/4 | 4 | 1 |
| ANC230255 | 5/16 | 4 | 1 |
| ANC230256 | 3/8 | 4 | 1 |
| ANC230257 | 1/2 | 4 | 1 |

## ADHESIVE LINED HEAT SHRINK TERMINALS & CONNECTORS
- Heat activated adhesive built into the sleeve of the heat shrink tubing
- Shrinks to a watertight seal for the ultimate vibration & strain relief
- Tinned for corrosion resistance
- Pure copper for maximum current flow
- Brazed seam for maximum strength
- Nylon insulator, for Marine Grade resistance to sunlight, water, oil, chemicals, vibration and cut-through damage
- UL listed and CSA recognized

## ANCOR
## ADHESIVE LINED HEAT SHRINK BUTT CONNECTORS

| | AWG | Qty/pkg |
|---|---|---|
| ANC309003 | 22-18 | 3 |
| ANC309025 | 22-18 | 25 |
| ANC309099 | 22-18 | 100 |
| ANC309103 | 16-14 | 3 |
| ANC309125 | 16-14 | 25 |
| ANC309199 | 16-14 | 100 |
| ANC309102 | 16-14 | 500 |
| ANC309203 | 12-10 | 3 |
| ANC309225 | 12-10 | 25 |
| ANC309299 | 12-10 | 100 |
| ANC309202 | 12-10 | 500 |
| ANC300000 | 22-10 | 10pc kit |

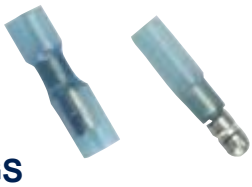


## ANCOR
## ADHESIVE LINED HEATSHRINK DISCONNECTS

| | AWG | Gender | Qty/pkg |
|---|---|---|---|
| ANC316803 | 22-18 | Female | 3 |
| ANC316825 | 22-18 | Female | 25 |
| ANC316899 | 22-18 | Female | 100 |
| ANC316903 | 22-18 | Male | 3 |
| ANC316925 | 22-18 | Male | 25 |
| ANC317803 | 16-14 | Female | 3 |
| ANC317825 | 16-14 | Female | 25 |
| ANC317899 | 16-14 | Female | 100 |
| ANC317903 | 16-14 | Male | 3 |
| ANC317925 | 16-14 | Male | 25 |
| ANC317999 | 16-14 | Male | 100 |

## ANCOR
## ADHESIVE LINED HEAT SHRINK FLANGED SPADE TERMINALS

| Female # | Screw Size | AWG | Qty/pkg |
|---|---|---|---|
| ANC313203 | 8 | 22-18 | 3 |
| ANC313225 | 8 | 22-18 | 25 |
| ANC314203 | 8 | 16-14 | 3 |
| ANC314225 | 8 | 16-14 | 25 |
| ANC314299 | 8 | 16-14 | 100 |
| ANC314303 | 10 | 16-14 | 3 |
| ANC314325 | 10 | 16-14 | 25 |
| ANC314399 | 10 | 16-14 | 100 |
| ANC315203 | 8 | 12-10 | 3 |
| ANC315225 | 8 | 12-10 | 25 |
| ANC315303 | 10 | 12-10 | 3 |
| ANC315399 | 10 | 12-10 | 100 |



## ANCOR
## ADHESIVE LINED HEAT SHRINK SNAP PLUGS

| | AWG | Gender | Qty/pkg |
|---|---|---|---|
| ANC318825 | 22-18 | Female | 25 |
| ANC318903 | 22-18 | Male | 3 |
| ANC318925 | 22-18 | Male | 25 |
| ANC319803 | 16-14 | Female | 3 |
| ANC319825 | 16-14 | Female | 25 |
| ANC319903 | 16-14 | Male | 3 |
| ANC319925 | 16-14 | Male | 25 |

## ANCOR
## ADHESIVE LINED HEAT SHRINK RING TERMINALS

| Female # | Screw | AWG | Qty/pkg |
|---|---|---|---|
| ANC310203 | 8 | 22-18 | 3 |
| ANC310225 | 8 | 22-18 | 25 |
| ANC310299 | 8 | 22-18 | 100 |
| ANC310303 | 10 | 22-18 | 3 |
| ANC310325 | 10 | 22-18 | 25 |
| ANC310399 | 10 | 22-18 | 100 |
| ANC310403 | 1/4 | 22-18 | 3 |
| ANC310425 | 1/4 | 22-18 | 25 |
| ANC310499 | 1/4 | 22-18 | 100 |
| ANC310525 | 5/16 | 22-18 | 25 |
| ANC310603 | 3/8 | 22-18 | 3 |
| ANC310625 | 3/8 | 22-18 | 25 |
| ANC310699 | 3/8 | 22-18 | 100 |
| ANC311203 | 8 | 16-14 | 3 |
| ANC311225 | 8 | 16-14 | 25 |
| ANC311299 | 8 | 16-14 | 100 |
| ANC311303 | 10 | 16-14 | 3 |
| ANC311325 | 10 | 16-14 | 25 |
| ANC311399 | 10 | 16-14 | 100 |
| ANC311403 | 1/4 | 16-14 | 3 |
| ANC311425 | 1/4 | 16-14 | 25 |
| ANC311499 | 1/4 | 16-14 | 100 |
| ANC311503 | 5/16 | 16-14 | 3 |
| ANC311525 | 5/16 | 16-14 | 25 |
| ANC311599 | 5/16 | 16-14 | 10 |
| ANC311603 | 3/8 | 16-14 | 3 |
| ANC311625 | 3/8 | 16-14 | 25 |
| ANC311699 | 3/8 | 16-14 | 100 |
| ANC312203 | 8 | 12-10 | 3 |
| ANC312225 | 8 | 12-10 | 25 |
| ANC312299 | 8 | 12-10 | 100 |
| ANC312303 | 10 | 12-10 | 3 |
| ANC312325 | 10 | 12-10 | 25 |
| ANC312399 | 10 | 12-10 | 100 |
| ANC312403 | 1/4 | 12-10 | 3 |
| ANC312425 | 1/4 | 12-10 | 25 |
| ANC312499 | 1/4 | 12-10 | 100 |
| ANC312503 | 5/16 | 12-10 | 3 |
| ANC312525 | 5/16 | 12-10 | 25 |
| ANC312599 | 5/16 | 12-10 | 100 |
| ANC312603 | 3/8 | 12-10 | 3 |
| ANC312625 | 3/8 | 12-10 | 25 |
| ANC312699 | 3/8 | 12-10 | 100 |

## ANCOR
## ADHESIVE LINED HEAVY WALL BATTERY CABLE TUBING

- 3/4" shrinks to 1/4" (wire AWG range 8 - 2/0)
- 1" shrinks to 3/8" (wire AWG range 2 - 4/0)

| | Colour | Dia. | Length | Qty/pkg |
|---|---|---|---|---|
| ANC326103 | Black | 3/4" | 3" | 3 |
| ANC326106 | Black | 3/4" | 6" | 3 |
| ANC326148 | Black | 3/4" | 48" | 1 |
| ANC326603 | Red | 3/4" | 3" | 3 |
| ANC326648 | Red | 3/4" | 48" | 1 |
| ANC326202 | Red/black | 3/4" | 3" | 1/1 |
| ANC327103 | Black | 1" | 3" | 3 |
| ANC327106 | Black | 1" | 6" | 2 |
| ANC327124 | Black | 1" | 12" | 2 |
| ANC327148 | Black | 1" | 48" | 1 |
| ANC327202 | Black/red | 1" | 3" | 1/1 |
| ANC327603 | Red | 1" | 3" | 3 |
| ANC327606 | Red | 1" | 6" | 2 |
| ANC327624 | Red | 1" | 12" | 2 |
| ANC327648 | Red | 1" | 48" | 1 |

PICO

## SHRINK TUBE
## ADHESIVE LINED - DUAL WALL 3 TO 1

Adhesive lined polyolefin, heat shrinkable tubing. Tubing is designed for environmental sealing of electrical components including wire splices, harness breakouts and cable ends from fluids, moisture and corrosion. The adhesive inner lining bonds to a wide variety of substrates.

| | Size | Colour | Length |
|---|---|---|---|
| 08329E | 1/8" | black | 48" |
| 083295E | 1/8" | red | 48" |
| 08330E | 3/16" | black | 48" |
| 083305E | 3/16" | red | 48" |
| 08331E | 1/4" | black | 48" |
| 083315E | 1/4" | red | 48" |
| 08332E | 3/8" | black | 48" |
| 083325E | 3/8" | red | 48" |
| 08333E | 1/2" | black | 48" |
| 083335E | 1/2" | red | 48" |
| 08334E | 3/4" | black | 48" |
| 083345E | 3/4" | red | 48" |
| 08335E | 1" | black | 48" |
| 083355E | 1" | red | 48" |

## ANCOR
# HEAT SHRINK PRODUCTS

Cross linked polyolefin tubing is much stronger than PVC tubing and will not burn like PVC. Heat activated adhesive lining provides impervious seal to salt water, oil, acids and sunlight as well as providing strain relief. Highest shrink ratio - shrinks to 1/3 original size

| Size(DIA.) | Shrinks to | Wire Range (AWG) |
|---|---|---|
| 1/8” | 1/32” | <18 |
| 3/16” | 1/16” | 20 - 12 |
| 1/4” | 5/64” | 16 - 10 |
| 3/8” | 1/8” | 12 - 8 |
| 1/2” | 5/32” | 8 - 4 |
| 3/4” | 1/4” | 6 - 2/0 |
| 1” | 5/16” | 2 - 4/0 |

| 1/8" Dia. | Colour | Length | Qty/pkg |
|---|---|---|---|
| ANC301103 | Black | 3" | 3 |
| ANC301106 | Black | 6" | 10 |
| ANC301124 | Black | 12" | 10 |
| ANC301148 | Black | 48" | 1 |
| **3/16" Dia.** | **Colour** | **Length** | **Qty/pkg** |
| ANC302103 | Black | 3" | 3 |
| ANC302106 | Black | 6" | 10 |
| ANC302124 | Black | 12" | 10 |
| ANC302148 | Black | 48" | 1 |
| **1/4" Dia.** | **Colour** | **Length** | **Qty/pkg** |
| ANC303103 | Black | 3" | 3 |
| ANC303106 | Black | 6" | 10 |
| ANC303124 | Black | 12" | 10 |
| ANC303148 | Black | 48" | 1 |
| ANC303602 | Black/red | 3" | 1/1 |
| ANC303606 | Red | 6" | 5 |
| ANC303624 | Red | 12" | 5 |
| ANC303648 | Red | 48" | 1 |
| ANC303903 | Yellow | 3" | 3 |
| ANC303906 | Yellow | 6" | 10 |
| ANC303948 | Yellow | 48" | 1 |
| **3/8" Dia.** | **Colour** | **Length** | **Qty/pkg** |
| ANC304103 | Black | 3" | 3 |
| ANC304106 | Black | 6" | 5 |
| ANC304124 | Black | 12" | 5 |
| ANC304148 | Black | 48" | 1 |
| ANC304403 | Blue | 3" | 3 |
| ANC304448 | Blue | 48" | 1 |
| ANC304602 | Black/red | 3" | 1/1 |
| ANC304603 | Red | 3" | 3 |
| ANC304606 | Red | 6" | 5 |
| ANC304624 | Red | 12" | 5 |
| ANC304648 | Red | 48" | 1 |
| ANC304703 | Green | 3" | 3 |
| ANC304706 | Green | 6" | 3 |
| ANC304748 | Green | 48" | 1 |
| ANC304803 | White | 3" | 3 |
| ANC304848 | White | 48" | 1 |
| ANC304903 | Yellow | 3" | 3 |
| ANC304948 | Yellow | 48" | 1 |

| 1/2" Dia. | Colour | Length | Qty/pkg |
|---|---|---|---|
| ANC305103 | Black | 3" | 3 |
| ANC305106 | Black | 6" | 5 |
| ANC305124 | Black | 12" | 5 |
| ANC305148 | Black | 48" | 1 |
| ANC305602 | Black/red | 3" | 1/1 |
| ANC305603 | Red | 3" | 3 |
| ANC305606 | Red | 6" | 5 |
| ANC305624 | Red | 12" | 5 |
| ANC305648 | Red | 48" | 1 |
| ANC305903 | Yellow | 3" | 3 |
| ANC305948 | Yellow | 48" | 1 |
| **3/4" Dia.** | **Colour** | **Length** | **Qty/pkg** |
| ANC306103 | Black | 3" | 3 |
| ANC306106 | Black | 6" | 4 |
| ANC306124 | Black | 12" | 4 |
| ANC306148 | Black | 48" | 1 |
| ANC306403 | Blue | 3" | 3 |
| ANC306602 | Black/red | 3" | 1/1 |
| ANC306603 | Red | 3" | 3 |
| ANC306606 | Red | 6" | 4 |
| ANC306624 | Red | 12" | 4 |
| ANC306648 | Red | 48" | 1 |
| ANC306748 | Green | 48" | 1 |
| ANC306848 | White | 48" | 1 |
| ANC306904 | Yel/red | 3" | 1/1 |
| ANC306903 | Yellow | 3" | 3 |
| ANC306906 | Yellow | 6" | 4 |
| ANC306924 | Yellow | 12" | 4 |
| ANC306948 | Yellow | 48" | 1 |
| **1" Dia.** | **Colour** | **Length** | **Qty/pkg** |
| ANC307103 | Black | 3" | 3 |
| ANC307106 | Black | 6" | 3 |
| ANC307148 | Black | 48" | 1 |
| ANC307603 | Red | 3" | 3 |
| ANC307606 | Red | 6" | 3 |
| ANC307648 | Red | 48" | 1 |
| ANC307903 | Yellow | 3" | 3 |
| ANC307948 | Yellow | 48" | 1 |

## ANCOR
# HEAT SHRINK TUBING KITS

| | Colour | Dia | Length | Qty/pkg |
|---|---|---|---|---|
| ANC301503 | Black | 3/16-3/4" | 3" | 8 |
| ANC301506 | Black | 3/16-3/4" | 6" | 8 |
| ANC304503 | Assorted | 3/8" | 3" | 5 |
| ANC304506 | Assorted | 3/8" | 6" | 5 |
| ANC306503 | Assorted | 3/4" | 3" | 4 |
| ANC306506 | Assorted | 3/4" | 6" | 4 |

PICO

## FLAME RETARDANT CONVOLUTED TUBING

Flexible black with blue stripe flame retardant polypropylene tubing holds groups of wires in position. Slit for easy insertion of wires.

| | |
|---|---|
| **05150-26** | 1/4" x 100' |
| **05151-26** | 3/8" x 100' |
| **05152-26** | 1/2" x 100' |
| **05153-26** | 3/4" x 100' |

PICO

## CONVOLUTED TUBING

Flexible black polyethylene tubing holds groups of wires in position and gives the wire excellent protection against abrasion and crushing. Slit for easy insertion of wires.

| | | | |
|---|---|---|---|
| **05140B** | 1/4" x 50' | **05143B** | 3/4" x 50' |
| **05140C** | 1/4" x 100' | **05143C** | 3/4" x 100' |
| **05141B** | 3/8" x 50' | **05144B** | 1" x 50' |
| **05141C** | 3/8" x 100' | **05144C** | 1" x 100' |
| **05142B** | 1/2" x 50' | | |
| **05142C** | 1/2" x 100' | | |
| **05139C** | 5/8" x 100' | | |

TRIDENT MARINE

## SPLIT CONDUIT

Corrugated Polypropylene Conduit Hose. Safe and easy to install for multi-wire harness, cable & hose routing. Sold per foot

| | | |
|---|---|---|
| **TRI128-012** | 1/2" | Black |
| **TRI128-034** | 3/4" | Black |
| **TRI128-100** | 1" | Black |
| **TRI128-114** | 1-1/4" | Black |
| **TRI128-112** | 1-1/2" | Black |
| **TRI128-200** | 2" | Black |
| **SCW2** | 2" | White |

**ANCOR**

## SPIRAL WRAP

Black, 10' long

| | |
|---|---|
| **ANC452251** | 1/4" dia. |
| **ANC452381** | 3/8" dia. |
| **ANC452501** | 1/2" dia. |
| **ANC452751** | 3/4" dia. |
| **ANC452900** | 1" dia. |

PICO

## SPIRAL WRAP

Black

| | |
|---|---|
| **05121OC** | 3/8" dia. x 100' |
| **05122OC** | 1/2" dia. x 100' |

PICO

## EXPANDABLE LOOM 100' SPOOLS

A versatile bundling & protection solution. Easy to install, light weight, flexible UV resistant, cuts easily, high abrasion resistance & chemically and organically inert.

| | |
|---|---|
| **08404-0-26** | 1/4" to 7/16" |
| **08405-0-26** | 3/8" to 5/8" |
| **08406-0-26** | 1/2" to 3/4" |
| **08407-0-26** | 3/4" to 1-1/4" |

**ANCOR**

## STAINLESS STEEL CUSHION CLAMPS

Meets ABYC specifications. Temperature rating of -40°F to 300°F EPDM insulator is temperature, water, fuel, oil and acid resistant.
**10 per package**

| | Nominal Diameter |
|---|---|
| **ANC403182** | 3/16" |
| **ANC403252** | 1/4" |
| **ANC403312** | 5/16" |
| **ANC403372** | 3/8" |
| **ANC403432** | 7/16" |
| **ANC403502** | 1/2" |
| **ANC403562** | 9/16" |
| **ANC403622** | 5/8" |
| **ANC403752** | 3/4" |
| **ANC403872** | 7/8" |
| **ANC403892** | 1" |
| **ANC403902** | 1-1/4" |
| **ANC404152** | 1-1/2" |
| **ANC404172** | 1-3/4" |
| **ANC404202** | 2" |
| **ANC404252** | 2-1/2" |
| **ANC404302** | 3" |

PICO

## HEAVY-DUTY NYLON CABLE CLAMPS

Cable clamps provide one-piece bundling and mounting. Easy to read maximum bundle diameters are molded in. Smooth, rounded internal edges protect wire insulation. 1/2" strap width.

| 25 PACK# | 100 PACK# | Nominal Clamping Dia. | Colour |
|---|---|---|---|
| **07118HNPK** | **07118HNC** | 1/8" | Natural |
| **07119HNPK** | **07119HNC** | 3/16" | Natural |
| **07119HNOPK** | **07119HNOC** | 3/16" | Black |
| **07120HNPK** | **07120HNC** | 1/4" | Natural |
| **07120HNOPK** | **07120HNOC** | 1/4" | Black |
| **07121HNPK** | **07121HNC** | 5/16" | Natural |
| **07122HNPK** | **07122HNC** | 3/8" | Natural |
| **07122HNOPK** | **07122HNOC** | 3/8" | Black |
| **07123HNPK** | **07123HNC** | 7/16" | Natural |
| **07124HNPK** | **07124HNC** | 1/2" | Natural |
| **07124HNOPK** | **07124HNOC** | 1/2" | Black |
| **07125HNPK** | **07125HNC** | 9/16" | Natural |
| **07126HNPK** | **07126HNC** | 5/8" | Natural |
| **07128HNPK** | **07128HNC** | 3/4" | Natural |
| **07129HNPK** | **07129HNC** | 7/8" | Natural |
| **07130HNPK** | **07130HNC** | 1" | Natural |
| **07131HNPK** | **07131HNC** | 1-1/8" | Natural |
| **07132HNPK** | **07132HNC** | 1-3/16" | Natural |
| **07133HNPK** | **07133HNC** | 1-1/4" | Natural |
| **07135HNPK** | **07135HNC** | 1-1/2" | Natural |

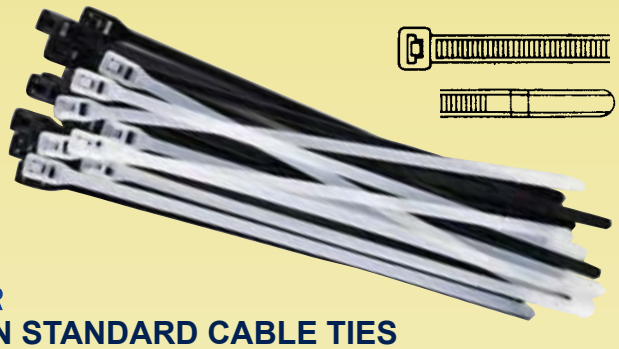
**ABYC Recommends:** Conductors shall be supported throughout their length or shall be secured at least every 18 inches (455mm) by one of the following methods: By means of non-metallic clamps sized to hold the conductors firmly in place...the material shall be resistant to oil, gasoline, and water and shall not break or crack within a temperature range of 34° (30°F) to 121°C (250°)

ANCOR

## NYLON CABLE CLAMPS

- Made from nylon for maximum strength
- Resistant to solvents, oils, acids and moisture
- Unique screw hole alignment feature to speed installation
- Available in natural or UV resistant black for outdoor use

| | Nominal Dia.(in) | Colour | Qty/ pkg |
|---|---|---|---|
| ANC401121 | 1/8 | natural | 7 |
| ANC401122 | 1/8 | natural | 25 |
| ANC402122 | 1/8 | UV black | 25 |
| ANC401181 | 3/16 | natural | 7 |
| ANC401182 | 3/16 | natural | 25 |
| ANC401251 | 1/4 | natural | 6 |
| ANC401252 | 1/4 | natural | 25 |
| ANC401255 | 1/4 | natural | 100 |
| ANC402252 | 1/4 | UV black | 25 |
| ANC401312 | 5/16 | natural | 25 |
| ANC402312 | 5/16 | UV black | 25 |
| ANC401372 | 3/8 | natural | 25 |
| ANC401375 | 3/8 | natural | 100 |
| ANC402372 | 3/8 | UV black | 25 |
| ANC401502 | 1/2 | natural | 25 |
| ANC402502 | 1/2 | UV black | 25 |
| ANC402505 | 1/2 | UV black | 100 |
| ANC401431 | 7/16 | natural | 6 |
| ANC401432 | 7/16 | natural | 25 |
| ANC402431 | 7/16 | UV black | 5 |
| ANC402432 | 7/16 | UV black | 25 |
| ANC402435 | 7/16 | UV black | 100 |
| ANC401622 | 5/8 | natural | 25 |
| ANC402622 | 5/8 | UV black | 25 |
| ANC402625 | 5/8 | UV black | 100 |
| ANC401751 | 3/4 | natural | 3 |
| ANC401752 | 3/4 | natural | 25 |
| ANC402751 | 3/4 | UV black | 3 |
| ANC402752 | 3/4 | UV black | 25 |
| ANC401872 | 7/8 | natural | 25 |
| ANC402871 | 7/8 | UV black | 3 |
| ANC402872 | 7/8 | UV black | 25 |
| ANC401892 | 1 | natural | 25 |
| ANC402892 | 1 | UV black | 25 |
| ANC401911 | 1-1/4 | natural | 2 |
| ANC401912 | 1-1/4 | natural | 25 |
| ANC402911 | 1-1/4 | UV black | 2 |
| ANC401931 | 1-1/2 | natural | 2 |
| ANC401932 | 1-1/2 | natural | 25 |



ANCOR

## NYLON STANDARD CABLE TIES

Manufactured from the toughest of materials, pure virgin nylon 6/6. insoluble in common solvents, alkalis, dilute mineral acids, most organic acids and most petrochemicals. Black ties are UV resistant.

| | Length | Max. Bundle Dia. | Tensile strength lbs. | Colour | Qty/ pkg |
|---|---|---|---|---|---|
| MAR199200 | 4” | 13/16” | 18 | natural | 25 |
| MAR199201 | 4” | 13/16” | 18 | natural | 100 |
| MAR199202 | 4” | 13/16” | 18 | UV black | 25 |
| MAR199203 | 4” | 13/16” | 18 | UV black | 100 |
| MAR199246 | 6” | 1-3/8” | 45 | natural | 25 |
| MAR199247 | 6” | 1-3/8” | 45 | natural | 100 |
| MAR199248 | 6” | 1-3/8” | 45 | UV black | 25 |
| MAR199249 | 6” | 1-3/8” | 45 | UV black | 100 |
| MAR199204 | 8” | 2-3/16” | 75 | natural | 25 |
| MAR199205 | 8” | 2-3/16” | 75 | natural | 100 |
| MAR199206 | 8” | 2-3/16" | 75 | UV black | 25 |
| MAR199207 | 8” | 2-3/16" | 75 | UV black | 100 |
| MAR199208 | 11” | 3” | 75 | natural | 25 |
| MAR199209 | 11” | 3” | 75 | natural | 100 |
| MAR199210 | 11" | 3” | 75 | UV black | 25 |
| MAR199211 | 11" | 3” | 75 | UV black | 100 |
| MAR199212 | 14" | 4” | 75 | natural | 25 |
| MAR199213 | 14" | 4” | 75 | natural | 100 |
| MAR199214 | 14" | 4” | 75 | UV black | 25 |
| MAR199215 | 14" | 4” | 75 | UV black | 100 |
| MAR199259 | 15" | 4” | 120 | UV black | 25 |
| MAR199260 | 15" | 4” | 120 | UV black | 100 |
| MAR199261 | Assorted lengths 4 thru 8", UVblack/natural | | | | 25 |
| MAR199224 | Assorted 8" blue, green, yellow, red, UV black, white | | | | 25 |

ANCOR

## STAINLESS STEEL CABLE TIES

- T304 stainless steel for corrosion resistance
- Heavy duty locking mechanism

**ANC403110** 10-1/2" 5-Pack

**ANC403114** 14" 5-Pack

PICO

## NYLON TIE WRAPS

One piece self-locking tie wraps. No metal barbs. Wrap tie wrap around cable, slip tail through the head and pull tight. Tie locks in place automatically. Snip off excess. General purpose nylon, suitable for use in most practical applications at a continuous temperature up to 150°F. UV stabilized cable ties only available in black.

| 25 PACK# | 100 PACK# | Length | Max Bundle Dia. | Tensile S trength lbs. | Colour |
|---|---|---|---|---|---|
| 07063PK | 07063C | 4” | 7/8” | 18 | Natural |
| 07063OPK | 07063OC | 4” | 7/8” | 18 | Black |
| 07065PK | 07065C | 6” | 1-3/8” | 40 | Natural |
| 07065OPK | 07065OC | 6” | 1-3/8” | 40 | Black |
| 07066PK | 07066C | 7-1/2” | 1-7/8” | 40 | Natural |
| 07066OPK | 07066OC | 7-1/2” | 1-7/8” | 40 | Black |
| 07066N3PK | | 7-1/2” | 1-7/8” | 40 | Green |
| 07066N4PK | | 7-1/2” | 1-7/8” | 40 | Orange |
| 07066N7PK | | 7-1/2” | 1-7/8” | 40 | Yellow |
| 07066HDPK | 07066HDC | 8-3/4” | 2” | 120 | Natural |
| 07066HDOPK | 07066HDOC | 8-3/4” | 2” | 120 | Black |
| 07067PK | 07067C | 11-1/2” | 3” | 50 | Natural |
| 07067OPK | 07067OC | 11-1/2” | 3” | 50 | Black |
| 07067PK | 07067C | 11-1/2” | 3” | 50 | Natural |
| 07067OPK | 07067OC | 11-1/2” | 3” | 50 | Black |
| 07068PK | 07068C | 14-1/2” | 4-1/8” | 50 | Natural |
| 07068OPK | 07068OC | 14-1/2” | 4-1/8” | 50 | Black |
| | 07068HDC | 15” | 4” | 120 | Natural |
| 07068HDOPK | 07068HDOC | 15” | 4” | 120 | Black |
| | 07069C | 25-1/4” | 7-1/8” | 175 | Natural |
| | 07069OC | 25-1/4” | 7-1/8” | 175 | Black |
| | 07070C | 28-1/2” | 8” | 120 | Natural |
| | 07070OC | 28-1/2” | 8” | 120 | Black |

ANCOR

## NYLON MOUNTING CABLE TIES

Manufactured from the toughest of materials, pure virgin nylon 6/6. insoluble in common solvents, alkalis, dilute mineral acids, most organic acids and most petrochemicals. Black ties are UV resistant.

| | Length | Max. Bundle Dia. | Tensile Strength lbs. | Colour | Qty/ pkg |
|---|---|---|---|---|---|
| MAR199244 | 4” | 3/4” | 18 | natural | 25 |
| MAR199245 | 4” | 3/4” | 18 | UV black | 25 |
| MAR199250 | 6” | 1-3/8” | 30 | natural | 25 |
| MAR199251 | 6” | 1-3/8” | 30 | natural | 100 |
| MAR199252 | 6” | 1-3/8” | 30 | UV black | 25 |
| MAR199253 | 6” | 1-3/8” | 30 | UV black | 100 |
| MAR199226 | 8” | 2 ” | 50 | natural | 25 |
| MAR199227 | 8” | 2 ” | 50 | natural | 100 |
| MAR199228 | 8” | 2 “ | 50 | UV black | 25 |
| MAR199229 | 8” | 2 “ | 50 | UV black | 100 |
| MAR199230 | 14” | 4 ” | 50 | natural | 25 |
| MAR199257 | 14” | 4 “ | 50 | UV black | 25 |
| MAR199258 | 14” | 4 “ | 50 | UV black | 100 |

PICO

## MOUNTING NYLON TIE WRAPS

One piece self-locking tie wraps. No metal barbs. Wrap tie wrap around cable, slip tail through the head and pull tight. Tie locks in place automatically. Snip off excess. General purpose nylon, suitable for use in most practical applications at a continuous temperature up to 150°F. UV stabilized cable ties only available in black.

| 25 PACK# | 100 PACK# | Length | Max Bundle Dia. | Tensile Strength lbs. | Colour |
|---|---|---|---|---|---|
| 07071PK | 07071C | 6” | 1-1/4” | 30 | Natural |
| 07071OPK | 07071OC | 6” | 1-1/4” | 30 | Black |
| 07072PK | 07072C | 8” | 1-3/4” | 50 | Natural |
| 07072OPK | 07072OC | 8” | 1-3/4” | 50 | Black |
| 07075PK | 07075C | 11-3/4” | 3” | 50 | Natural |
| 07075OPK | 07075OC | 11-3/4” | 3” | 50 | Black |
| 07076PK | 07076C | 14-1/2” | 4” | 50 | Natural |
| 07076OPK | 07076OC | 14-1/2” | 4” | 50 | Black |
| 07077PK | 07077C | 15-3/4” | 4” | 120 | Natural |
| 07077OPK | 07077OC | 15-3/4” | 4” | 120 | Black |
| 07078PK | | 22” | 6” | 120 | Natural |
| 07078OPK | | 22” | 6” | 120 | Black |
| | 07070OC | 28-1/2” | 8” | 120 | Black |

## ANCOR
## CABLE WRAPTOR®

- "T" handle feature allows for easy carrying of ropes, cordsets and extension cords
- Large hole for hanging
- Stainless steel hinge and spring to prevent rusting
- Large teeth design for secure locking
- Easy release trigger
- Spring-loaded hinge helps close tail

**CW-T2R2** Medium 2-pack
**CW-T3R2** Large 2-pack
**CW-T2T3R2** 1 Large & 1 Medium 2-pack
**CW-T4RR20** 1 X-Large 1-pack

**CW-T2RR25** Medium P.O.P display 25-units
**CW-T3RR25** Large P.O.P display 25-units
**CW-T4M20** X-Large P.O.P display 20-units

**Medium**
Holds up to **50 lbs**

**Large**
Holds up to **100 lbs**

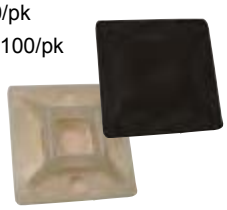
**X-Large**
Holds up to **150 lbs**

PICO

## TIE WRAP MOUNT

Screw Tie mount will fit Pico cable ties 07063 through 07079. Will mount cable bundles in a stable and rigid manner. Mount with 1/4" screw.

**07183-6-34** White, 25/pk
**07183-6-36** White, 100/pk
**07183-0-34** UVR Black, 25/pk
**07183-0-36** UVR Black, 100/pk
**07081C** White, adhesive back,100/pk
**07081-O-36** UV Black, adhesive back,100/pk



## 3M
## ELECTRICAL TAPE

3M COLOURFLEX™ tape is an economically priced coloured electrical tape. 3/4" x 66'.

**49656** Black
**66110** Blue
**66113** Red
**66114** White
**66111** Green
**66115** Yellow

Star brite

## LIQUID ELECTRIC TAPE

- Waterproofs & protects electrical connections
- Prevents corrosion on wires and terminals
- Fast drying
- Forms a protective UV resistant dielectric coating

**S84104** Black, 4 fl oz
**S84105** Red, 4 fl oz
**S84106** Green, 4 fl oz
**S84107** White, 4 fl oz
**S84108** Clear, 4 fl oz

## ANCOR
## CABLE TIE MOUNTS

**ANC374501** #8 screw, pkg of 3
**MAR199231** #8 screw, pkg of 25
**MAR199232** #8 screw, pkg of 100
**MAR199262** #10 screw, pkg of 25
**MAR199263** #10 screw, pkg of 100
**ANC375001** Adhesive, pkg of 2
**MAR199234** Adhesive, pkg of 25
**MAR199236** Adhesive, pkg of 25 black

## ANCOR
## DIELECTRIC SILICONE COMPOUND

- Fights oxidation to improve conductivity
- Penetrates aluminum oxide to maintain current paths
- Temperature range 40°-500°F

**ANC700115** 1/3 oz tube

## ANCOR
## VELCRO™ CABLE TIES

- Reusable Velcro™ strip for fastening cable and wire
- Quick, secure grip, perfect for marine use
- Convenient for frequent access

**ANC353115** 11" yellow 5-pack
**MAR199239** 11" black 5-pack

## ANCOR
## WHITE WRITE-ON IDENTIFICATION TUBING

Feeds through most typewriters and printers for custom labeling applications. Once activated with any heat tool, printing is permanent and will not wash off or erode when exposed to oils, moisture, air or most solvents. Does not have adhesive lining and should not replace regular shrink wrap for terminal ends

**ANC300145** 1/4" dia. 3"length 10/pkg

BLUE SEA SYSTEMS

## MINI CLAMP MULTIMETER

- Clamp allows measurement of AC and DC current in wires without disturbing the circuits or contacting live terminals
- Auto range simplifies operation: 0.01-400 Amps, 0.001-600 Volts
- True RMS - required for accurate measurement of inverter output
- Large digital display makes reading measurements easy
- "HOLD" button during measurement to lock reading value
- Test leads included with meter

**BSS8110**

ANCOR

## HEAVY-DUTY VOLTAGE & CONTINUITY TESTER

- Tests voltage from 80-480 VAC/DC (4-range indication)
- Snap-in leads are spaced to fit standard outlet for "hands-free" operation
- Sta-Flex™ 36" cold weather leads
- 4 Hi-Vis™ indicators
- Integrated probe storage
- Operates from (2) LR44 batteries

**ET6207**

ANCOR

## WIRE TACKER™

- Multi-purpose wire tracer for identifying wires such as coax, CAT 5, speaker, phone, or any non-energized (non-live) wires
- Adapter plugs include: RJ-45, RJ-11, coax, automotive fuse blade, and insulated clamps
- Adjustable sensitivity positively identifies a single wire when multiple wires are routed in close proximity
- Audible and visual indication
- Operates from (2) AAA batteries and (4) LR44 batteries (receiver)

**ET64220**

ProMariner®

## HANDHELD DIGITAL MULTIMETER

Large backlit LCD display. Built-in EZ stand, continuity tone alert. Test leads included. Low battery indicator. Measures AC and DC voltage, DC current resistance and continuity. 6V battery not included. 143mm x 75mm x 32mm.

**87730**

ANCOR

## 7 FUNCTION DIGITAL MULTIMETER

- Auto ranging capability allows the meter to automatically determine the resolution based on the application
- AC/DC voltage capable with temperature measurement functionality
- Protective rubber overmold
- Operates from (2) AAA batteries

**DM6250**

ANCOR

## 9 FUNCTION DIGITAL MULTIMETER

- Test Lead Input Icons for correct lead placement
- Industry leading LCD display size
- Relative Delta displays change in readings
- Low Impedance Function to trace ghost voltage
- Impact resistant housing with protective rubber boot
- Operates from one 9 volt battery

Measures: DC voltage, AC Voltage, DC Amps, AC Amps, Frequency, Capacitance, Resistance, Diode Test, Continuity.

**DM6450**

Scepter MOELLER marine products

## BATTERY INDICATOR GAUGE

- Eliminate the guess work!
- Instantly determine condition of your 12-volt battery system.
- Expanded scale allows for easy to read battery level.
- Rear backlit scale.

**042218**

ANCOR
## WIRE AND CABLE CUTTER
- Precision ground and sharpened blades, high strength steel
- Contoured cushion grip
- Capacity: 22AWG to 2/0 AWG copper wire & cable (not for steel)

**ANC702005**

ANCOR
## AUTOMATIC WIRE STRIPPER
- Made of reinforced polyamide - auto adjusts to different wire sizes
- Strips without damage or marking of conductors, slim jaw for easy access, steel side cutter
- Capacity: strips and cuts wire from 24 AWG to 12 AWG
- Wire stop adjusts length of strip from 3/8" to 1/2"

**ANC702030**

ANCOR
## WIRE STRIP / CRIMP TOOL
- Strips 26 to 10 AWG stranded wire
- Automatic jaw-load wire stripper self-adjusts to strip wire
- Crimps 22-10 AWG insulated terminals

**ANC702033**

SEADOGLINE
## WIRE STRIPPER CRIMPER TOOL
Powder coated steel.
Crimps 22-10 gauge terminals.

**429900**

ANCOR
## STAINLESS CUT /STRIP /CRIMP TOOL
- Crimp 10-22 AWG insulated and non-insulated terminals and coaxial connectors
- Cut and strip 8-22 AWG solid and 10-24 AWG stranded wire
- Cut and rethread 4-40, 5-40, 6-32, 8-32, 10-24, 10-32 screws
- Stainless steel blade resists corrosion and nicking
- Dual GRIP™ is easier on wrists
- Molded ergonomic handles make tool easier to grip for stronger crimping
- Laser etched permanent markings
- Precision ground plier nose

**ANC701009**

ANCOR
## BATTERY CABLE STRIPPER
Made of fiberglass reinforced polyimide, swivel blade for circular and longitudinal cuts.

**ANC702065**

ANCOR
## DOUBLE CRIMP RATCHET TOOL
- Ratcheting action insures positive crimps, includes release lever
- Two nests in crimp cavity simultaneously crimps conductor and insulation for maximum strain and fatigue relief
- Compound lever handle for operator ease
- Capacity: crimps 22-10 AWG terminals and connectors in three colour-coded cavities

**ANC702017**

SEADOGLINE
## DELUXE TERMINAL CRIMPER TOOL
Powder coated steel.
Crimps 22-10 gauge terminals.

**429910**

ANCOR
## DOUBLE CRIMP RATCHET TOOL
- Double ratchet crimper-combines the frame (701020) and double crimp die (701023)
- Ratchet mechanism crimps stranding and insulation grip portion of connectors all in one motion for superior strain relief
- Tool has adjustment feature to allow for wear and a release lever in event of incorrectly placed terminal
- Crimps 22-10 AWG insulated terminals in three cavities

**ANC701030**

ANCOR
## HEAVY DUTY LUG/TERMINAL CRIMPER
- Calibrated adjustment screw
- Compound lever action prevents operator fatigue
- Capacity: crimps 8-4/0 AWG lugs and terminals

**ANC702040**

ANCOR
## HEAVY DUTY LUG CRIMPER
- Spring loaded pivot bar, designed for use with a hammer or vise
- Makes UL approved crimps
- Made from steel with a hardened pivot pin
- Capacity: crimps 6-4/0 lugs and 6-3/0 AWG terminals

**ANC701010**

**ANCOR**
## TURBO LITE TORCH
- Child resistant Piezo electronic ignition system
- Butane powered
- Flame temperature up to 1300°C/2500°F
- Windproof and weatherproof flame
- Flame may be locked in “on” position
- Very small and easy to carry; ideal for quick jobs

**ANC702064**

**ANCOR**
## ULTRA THERM HEAT TOOL
- Cordless, simple, safe to operate under any conditions
- Ready to use 15 seconds after ignition
- Tank contains 120 minutes of operation and is refillable by butane
- Includes: interchangeable soldering tip, hot blower/deflector and hot knife
- Butane not included

**ANC702061**

**ANCOR**
## MINI POCKET BUTANE TORCH
- Electronic ignition system with safety locking switch
- Flame temperature up to 1300°C
- Windproof flame and waterproof ignition make torch ideal for offshore use
- Compact size allows unit to fit easily into any toolbox
- Refillable butane cartridge
- Butane not included

**ANC702024**

**ANCOR**
## MICRO THERM HEAT GUN
- Features Piezo electronic ignition system, providing flameless heat, safe for use around chemicals or by wire bundles when using deflector
- Powered by refillable cell
- Flame temperature up to 650°C / 1300°F
- Ideal for work in the bilge where open flame should not be used

**ANC702027**

**ANCOR**
## PRO TORCH
- State of the art Piezo electronic ignition system
- Up to 120 minutes use on each filling
- Heavy duty ribbed aluminum body with comfort grip
- Easily refilled with any brand of butane gas
- High output flame for large jobs
- Hands-free design

**ANC702060**

**ANCOR**
## ELECTRICAL REPAIR KIT
With strip/crimp tool. 225 pieces.

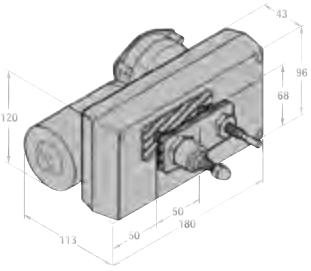
**ANC220020**

# Exalto Marine Wipers

## WINDSHIELD WIPER MOTORS

Exalto's quality sets the standard for heavy duty windshield wipers and accessories. With a wide selection of motors and arms, Exalto can supply your needs. Listed below are some of the motors offered. All motors listed share the following features:

- Designed for bulkhead mounting
- Self parking
- Two speeds
- Stainless steel shafts, bolts, nuts and washers
- Designed for pantographic arms
- Available in 12VDC or 24VDC
- Insulated ground return

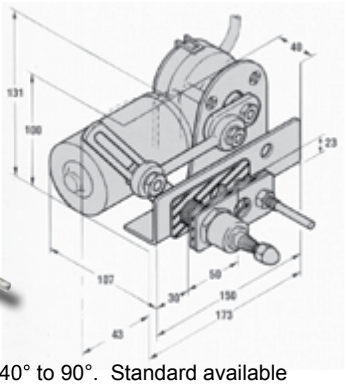


Exalto

### TYPE 233BD

Adjustable wiping arc from 40° to 90° in 5° increments. Standard available for bulkhead thicknesses of 20, 35, 55, 75, 100 and 125mm. Brass bearings. Designed for pantograph arms up to 750mm. Designed for blades up to 800mm. Power consumption 75W, 12V, torque 25Nm.

**EX2151.35** Wiper motor, 55mm bulkhead thickness
**EX2198.50** Cover

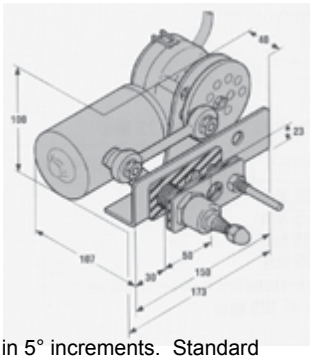


Exalto

### TYPE 223BS

Steplessly adjustable wiping arc from 40° to 90°. Standard available for bulkhead thicknesses of 20, 35 and 55mm. Brass bearings. Designed for pantograph arms up to 750mm. Designed for blades up to 800mm. Power consumption 36W, 12V, torque 23Nm.

**EX2167.35** Wiper motor, 55mm bulkhead thickness

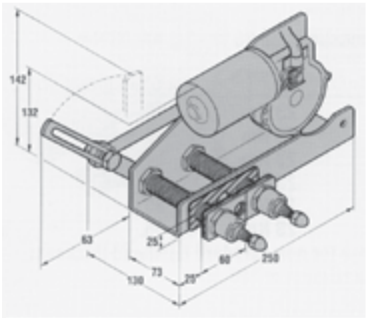


Exalto

### TYPE 223BD

Adjustable wiping arc from 40° to 90° in 5° increments. Standard available for bulkhead thicknesses of 20, 35, 55 and 75mm. Brass bearings. Designed for pantograph arms up to 750mm. Designed for blades up to 800mm. Power consumption 36W, torque 23Nm.

**EX2165.35** Wiper motor, 55mm bulkhead thickness, 12V
**EX2166.35** Wiper motor, 55mm bulkhead thickness, 24V



Exalto

### TYPE 250BS

Steplessly adjustable wiping arc from 40° to 90°. Standard available for bulkhead thicknesses of 35 and 65mm. Double brass bearings. Designed for pantograph arms up to 1000mm. Designed for blades up to 1200mm. Power consumption 30w, torque 50Nm.

**EX2175.35** Wiper motor, 65mm bulkhead thickness, 12V
**EX2176.35** Wiper motor, 65mm bulkhead thickness, 24V

### HEAVY-DUTY 2 SPEED YACHT MOTOR

Draws 7 Amps for 12Volt & 4 Amps for 24Volt, Adj sweep 40° to 100° in 1° intervals. Motor pulls 25ft.pd (38nm) arms up to 24" - 35", blades up to 28" - 40"

| 12V | 24V | Shaft |
|---|---|---|
| ONG30011 | ONG30012 | 1.5” |
| ONG30021 | ONG30022 | 2.5” |
| ONG30031 | ONG30032 | 3.5” |

### HEAVY-DUTY ARMS

Stainless steel

**ONG37835** Arm 24” - 35” Electro Polished
**ONG38835** Arm 24” - 35” Black Powder Coated

### HEAVY-DUTY BLADES

| | |
|---|---|
| ONG30828 | Blade 28” |
| ONG30830 | Blade 30” |
| ONG30832 | Blade 32” |
| ONG30833 | Blade 33” |
| ONG30834 | Blade 34” |
| ONG30835 | Blade 35” |
| ONG30838 | Blade 38” |
| ONG30840 | Blade 40” |

### WINDSHIELD WASHER KIT

Complete with integral pump, nozzels, mounting bracket and 1.5L bottle.

**ONG31130** 12V
**ONG31131** 24V

Exalto
## PANTOGRAPH ARMS

Pantograph arms manufactured from stainless steel, with brass heads. To prevent reflection, a black coating is applied on all parts. The position of the blade in relation with the window configuration can be adjusted by the swivelling blade clip. Centre distance 50mm. Pantograph arms to suit the wipers type 235KG, 235KK, 215BD, 215BS, 223BD, 223BS, 225BD and 225BS. Adjustable in length. Standard supplied with one spring with fixed spring pressure.

**EX2133** Adjustable 270-450mm
**EX2136** Adjustable 450-600mm

Exalto
## WIPER BLADES

Curved wiper blades have a stainless steel main bridge, plastic bridges, stainless steel rivets and natural rubber inserts. They have a low profile to reduce lift and are screen friendly because of the plastic bridges. In case of damaged rubber, the plastic bridge will not damage the screen. To prevent reflection, a black coating is applied on all metal parts. All blades are supplied with a fixed length. Blades of 610-800mm suit pantograph arms with a narrow blade clip. Blades with a length of 900mm or more suit pantograph arms with a wide blade clip (EX2142.B and EX2144.B).

**EX2175** 500mm in length
**EX2177** 600mm in length
**EX2179** 700mm in length
**EX2196** 800mm in length
**EX216124** H.D.800 mm in length
**EX216130** H.D.1200mm in length

Cole Hersee / Exalto
## WIPER SWITCHES

**75228-03*** Two speed switch for one wiper, 12/24V
**EX2135*** Two speed switch for two wipers, 12/24V
**75600-04**** Combination switch for one wiper, 12V
**EX2159** Combination switch for one wiper, 24V
**EX2159.01** Panel for combination switch

* Switch is equipped with a two speed and self parking control with a connection for a pump or solenoid
** These switches incorporate an adjustable intermittent wipe, two speed and self parking control, and have a connection for a pump or solenoid

Exalto
## ELECTRONIC CONTROL PANELS

Electronic control of up to three or up to 5 Exalto wipers. Wipers can be switched individually or in any combination. Offers two continuous speeds, three step intermittent wipe and wipe/wash feature. Please contact our Sales Department for more information.

**EX210312** For up to 3 wipers, 12V
**EX210324** For up to 3 wipers, 24V
**EX210512** For up to 5 wipers, 12V
**EX210524** For up to 5 wipers, 24V

Exalto
## ACCESSORIES

A variety of washing jets, reservoirs with pumps, solenoid valves, couplings and tubing are available. Washing jets may be fitted to the arms to enable proper window cleaning. This water can be supplied from either a reservoir with built-in pump, a separate pump or the fresh water pressure system on board, using a solenoid valve. When using one of the Exalto switches, all the above mentioned options can be controlled by the switch.

ongaro
## WIPER CONTROL BOX

1-3 motors 12-24V, max 5A/motor. Fits Ongaro motors. Rocker switch included. With two motors connected it runs:
- Helm seat motor or both motors
- Synchronized sweep
- Interval, slow speed, fast speed
- Washing system

**ONG32003**

Cole Hersee
## MICROPROCESSOR CONTROLLED ELECTRONIC WIPER SWITCHES

For 12 VDC electrical systems. 4 positions: Off/Park - Intermittent Range - Low - High. Push knob to actuate washer pump circuit. For negative ground permanent magnet wiper motors with or without dynamic parking.

**75600-04** One motor
**75600-01** Two motors

## WIPER MOTOR SWITCH

3 position Contura rocker switch, controls 2 speed motors. Fits in a standard rocker switch panel. 12/24VDC

**ONG40400**

## STANDARD WIPER MOTOR

Black powder coated aluminum cover. 304 stainless steel mounting plate, shaft and mounting hardware. Adjustable sweep: 90° or 110°. Adjustable park position: right or left. Capable of handling up to a 14" arm and blade. Guaranteed three years. 12 volt, 3 amp.

| | |
|---|---|
| **ONG31011** | Motor kit with 10-1/2-14" arm and 11" blade |
| **ONG31001** | Motor only, 2-1/2" shaft |
| **ONG30100** | 10-1/2"-14" arm for 31001 motor |
| **ONG30511** | Replacement 11" blade |

## HEAVY DUTY TWO SPEED WIPER MOTOR

Black powder coated aluminum cover. 304 stainless steel mounting plate, bracket and mounting hardware. 316 stainless steel shaft. Chrome plated brass shaft housing. Adjustable sweep: 45°, 60°, 80° and 110°. Adjustable park position: right or left. Two speed motor. 20% stronger than competitive models. Capable of handling up to a 24" arm and 22" blade. Guaranteed three years.

| | |
|---|---|
| **ONG30991** | Motor only, 2-1/2" shaft, 12 volt, 5 amp |
| **ONG31991** | Motor only, 1-1/2" shaft, 12 volt, 5 amp |
| **ONG32991** | Motor only, 3-1/2" shaft, 12 volt, 5 amp |
| **ONG30992** | Motor only, 2-1/2" shaft, 24 volt, 2.5 amp |
| **ONG40400** | Rocker switch for heavy duty motor |
| **ONG31992** | Motor only, 1-1/2" shaft 24v 2.5amp |

## HEAVY DUTY W12 2 SPEED WATERPROOF WIPER MOTOR

- Non-corrosive white poly waterproof housing
- Chrome plated brass shaft housing
- 316 stainless steel shaft
- Sweep adjustable at any angle from 45 to 110 deg.
- Park position adjustable without removing the cover
- Adjustable left or right
- Will power up to a 24" arm & 22" blade
- Guaranteed 3 years

| | |
|---|---|
| **ONG33511** | 1-1/2” shaft 12V |
| **ONG33512** | 1-1/2” shaft 24V |
| **ONG33521** | 2-1/2” shaft 12V |
| **ONG33522** | 2-1/2” shaft 24V |
| **ONG33531** | 3-1/2” shaft 12V |
| **ONG33532** | 3-1/2” shaft 24V |

## ADJUSTABLE PARALLEL ARMS

The dual arm set-up of a pantographic arm allows a flatter sweep pattern 304 stainless steel black powder coated. Heavy duty spring. Easy to install. Replaces most competitive arms.

| | |
|---|---|
| **ONG39152** | 11" |
| **ONG39153** | 14" |
| **ONG39154** | 18" |
| **ONG39155** | 22" |

## DELUXE ULTRA HD ADJUSTABLE ARMS

304 stainless steel blue powder coated. Heavy duty stainless steel spring. Will replace all competitive arms on HD motors.

## DELUXE ULTRA HD ADJUSTABLE ARMS

| | |
|---|---|
| **ONG39617** | Adjustable 12"-18" |
| **ONG39624** | Adjustable 19"-24" |

## DELUXE ULTRA ADJUSTABLE ARMS WITH ADJUSTABLE TIP

| | |
|---|---|
| **ONG39718** | Adjustable 14"-19" |
| **ONG39724** | Adjustable 19"-24" |

## DELUXE ULTRA ADJUSTABLE PARALLEL ARMS

The dual arm set-up of a pantographic arm allows a flatter sweep pattern.

| | |
|---|---|
| **ONG39818** | Adjustable 14"-19" |
| **ONG39824** | Adjustable 19"-24" |

## DELUXE ULTRA BLADES

Powder coated. Natural rubber.

| | |
|---|---|
| **ONG30511** | 11" |
| **ONG30512** | 12" |
| **ONG30514** | 14" |
| **ONG30516** | 16" |
| **ONG30518** | 18" |
| **ONG30520** | 20" |
| **ONG30522** | 22" |

## HEAVY DUTY WIPER MOTOR

- Fully sealed powder coated aluminum waterproof base and housing
- Powers a 22" arm and blade combination
- Factory pre-set sweep angles of 80° or 110°, adjustable to 45° or 60°
- Two speed motor
- Adjustable right or left self parking
- 5/8" diameter shaft
- 3 year warranty

**71011A** 1-1/2" shaft with 110° sweep
**71012A** 2-1/2" shaft with 110° sweep
**71081A** 1-1/2" shaft with 80° sweep
**71082A** 2-1/2" shaft with 80° sweep

## AFI-1000 HEAVY DUTY WATERPROOF WIPER MOTOR

- Powers 16" x 16" arm/blade combinations
- Adjustable to 50°, 65°, 80° or 110°
- 5/8" diameter shaft
- Fully sealed waterproof housing made of UV stabilized, high temperature, high-impact thermoplastic
- Knurled drive shaft and solid brass arm drive nut
- Adjustable right or left self parking
- 3 year warranty

**36110** 1-1/2" shaft with 110° sweep
**36180** 1-1/2" shaft with 80° sweep
**37110** 2-1/2" shaft with 110° sweep
**37180** 2-1/2" shaft with 80° sweep

## WINDSHIELD WASHER KIT

Includes water tank, 12V pump motor, two thru-deck nozzles, tee fitting, two spray nozzles, 16' of below deck clear plastic tubing and 6' of above deck black tubing. Also includes 4 clips to attach tubing to the extension portion of wiper arm and 4 clips to attach tubing to the main portion of the arm. Each spray head has four adjustable nozzles. Spray nozzles snap onto the end of the wiper arm providing complete spray coverage.
Water tank capacity: 3 litres.
Water tank dimensions: 9-1/4"H x 7"W x 4-1/2"D.

**33505**

## AFI-500 STANDARD WIPER KITS

The AFI self-parking AFI-500 waterproof wiper motor is totally sealed and 100% waterproof. The motor housing is made of UV stabilized high-temperature, high-impact thermoplastic. The 12V heavy duty motor has a maximum draw of 2 amps. The 1/2" Dia. x 2-1/2" long motor shaft is designed to be mounted on normal windshield frames.
Kit includes 11-1/2" deluxe curved blade (33004) and adjustable 6-3/4" to 10-1/2" stainless steel arm (33006)

**30004** Kit 80° sweep
**30005** Kit 110° sweep

## STANDARD WIPER KITS

The AFI self-parking Standard wiper motor is only recomended for installation in protected areas. The 12V heavy duty motor has a maximum draw of 2 amps. The 3/8" Dia. x 2-1/2" long motor shaft is designed to be mounted on normal windshield frames. Corrosion-proof aluminium alloy case with black crackle finish
Kit includes 11-1/2" deluxe curved blade (33004) and adjustable 6-3/4" to 10-1/2" stainless steel arm (33006)

**32000** Kit 80° sweep
**32002** Kit 110° sweep
**32001** Kit 80° sweep, deck mount (3-1/2" Shaft)

## WMW STANDARD WIPER KITS

The AFI self-parking WMW is a water resistant wiper motor. The motor housing is chrome plated brass. The 12V heavy duty motor has a maximum draw of 2 amps. The 3/8" Dia. x 2-1/2" long motor shaft is designed to be mounted on normal windshield frames.
Kit includes 11-1/2" deluxe curved blade (33004) and adjustable 6-3/4" to 10-1/2" stainless steel arm (33006)

**30000** Kit 80° Sweep
**30002** Kit 110° Sweep

## STANDARD ADJUSTABLE ARM

- For use with motors with 1/4" smooth drive shaft.
- All stainless steel construction

**33020** 10" to 14"

## DELUXE ADJUSTABLE ARM

Stainless steel. Motor shaft mounting has additional set screw clamping For motors with spline drive shafts.

**33006** 6-3/4" to 10-1 /2" (with adaptor for 1/4" smooth shafts)
**33007** 10" to 14"
**33010** 14" to 20"
**33012** 10" to 14" black
**33014** 14" to 20" black

## DELUXE ADJUSTABLE PANTOGRAPHIC ARM

The dual arm set-up of a pantographic arm allows a flatter sweep pattern Stainless steel, black.For motors with spline drive shafts.

**33032A** 12" to 17"
**33037** 17" to 22"

## PREMIER STAINLESS STEEL ADJUSTABLE ARMS

Motor shaft mount with setscrew provides for secure installation and operation. Heavy duty construction provides the strength to drive larger wiper blades. Riveted tip for extra strength. For motors with spline drive shafts.

**33082** 10" to 15"
**33084** 15" to 20"
**33086** 20" to 25"

**33084W** 15" to 20" with spray nozzle
**33086W** 20" to 25" with spray nozzle

## PREMIER STAINLESS STEEL PANTOGRAPHIC ADJUSTABLE ARMS

High quality stainless steel construction, with chrome-plated solid brass motor shaft mount. The dual arm set-up of a pantographic arm allows a flatter sweep pattern, which provides greater coverage in a side-to-side pattern. Adjustable length is secured with stainless steel screws. Riveted tip for extra strength. For motors with spline drive shafts.

**33090** 12" to 17"
**33092** 17" to 22"
**33094** 22" to 26"
**33096** 26" to 30"

**33090W** 12" to 17" with spray nozzle
**33092W** 17" to 22" with spray nozzle
**33094W** 22" to 26" with spray nozzle
**33096W** 26" to 30" with spray nozzle

## CLASSIC STRAIGHT BLADE

- Stainless steel
- "Hook and catch" style as opposed to the "slide and lock"

**33901** 11" Blade, hook & catch
**33919** 14" Blade, hook & catch

## DELUXE CURVED BLADE

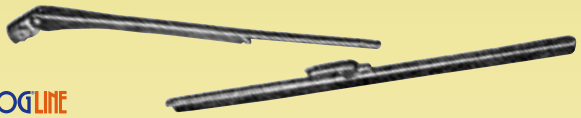
Stainless steel. Works well on curved or flat windshields.

**33004** 11" Blade
**33005** 14" Blade
**33015** 16" Blade
**33016A** 18" Blade
**33017A** 20" Blade

## POLYMER WIPER BLADE

Silver or black poly, glass-impregnated construction. Marine-grade rubber squeegee.

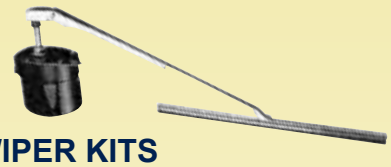
| Black | Silver | Length |
|---|---|---|
| 31012B | N/A | 12" Blade |
| 31014B | N/A | 14" Blade |
| 31016B | 31016S | 16" Blade |
| 31018B | 31018S | 18" Blade |
| 31020B | 31020S | 20" Blade |
| 31022B | N/A | 22" Blade |
| 31024B | N/A | 24" Blade |



## SLIP ON HINGE STYLE BLADES & ARMS

Stamped 304 Stainless/Lexan Blades.
Blades & arms also fits AFI standard arms & motors.

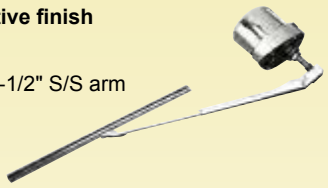
**411151** 11" Blade
**411154** 14" Blade
**410051** 8"-12" Arm
**410054** 9-1/4" - 13-1/4" Arm



## SELF-PARKING WINDSHIELD WIPER KITS

Stamped 304 Stainless Cover . 12VDC.

**Matte black crackle non-reflective finish**
**410710** Motor only, black
**410711** Motor w/ 11" blade & 8-1/2" S/S arm



**Polished stainless steel cover**
**410810** Motor only, SS
**410811** Motor w/ 11" blade & 8-1/2" S/S arm

## REMOVABLE MANUAL WINDSHIELD WIPER

Injected molded nylon/formed 304 stainless. Removable in seconds. Includes 11" blade.
**412605**

## HAND WINDSHIELD WIPER

Chrome plated brass with a Stainless steel arm. Comes with blade and arm.
**412601**